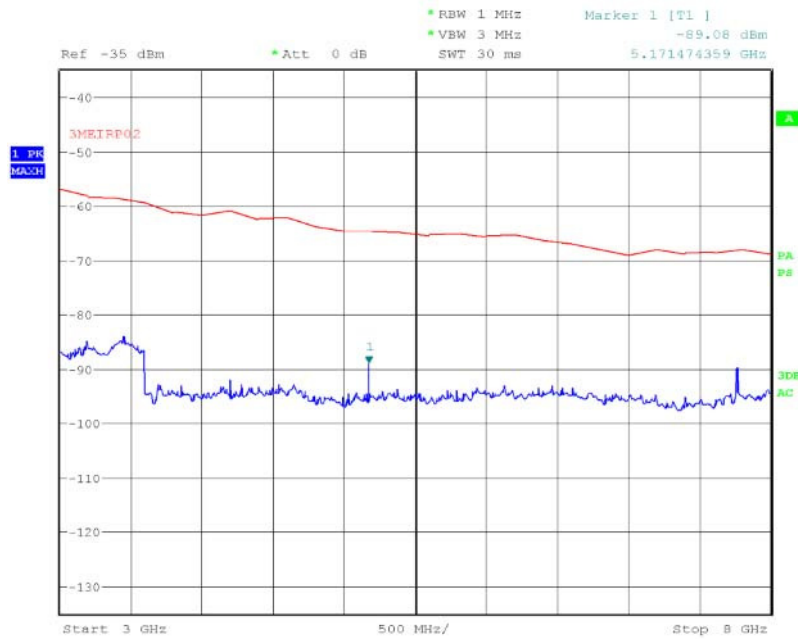




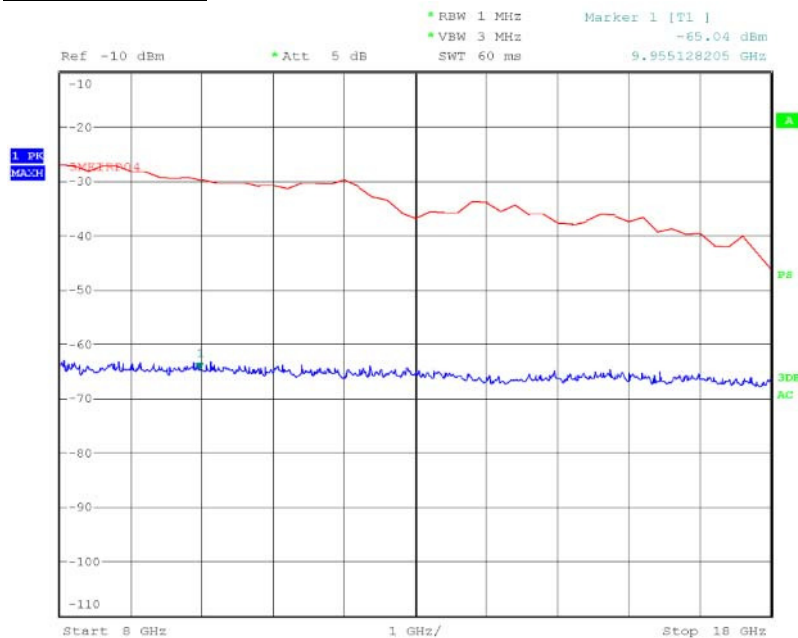
Product Service

3 GHz to 8 GHz



Date: 8.APR.2016 17:36:27

8 GHz to 18 GHz

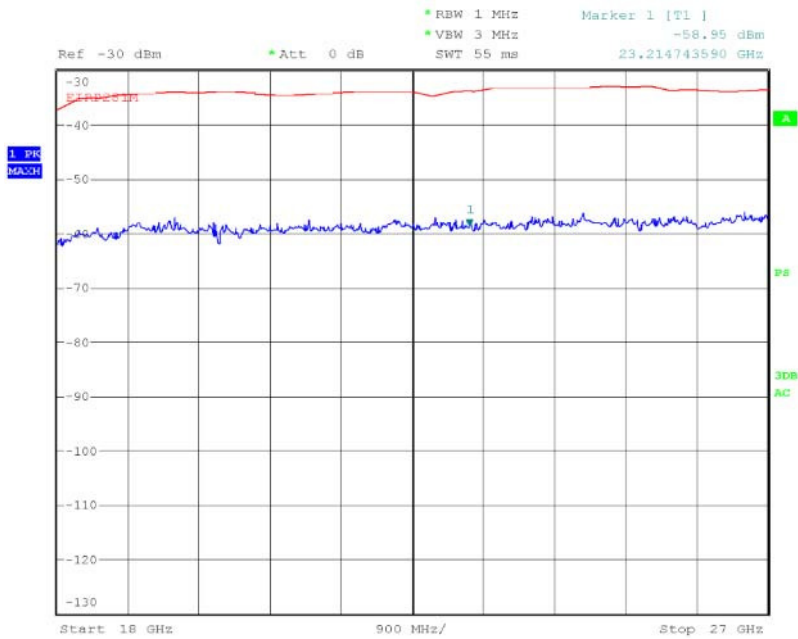


Date: 14.APR.2016 01:01:53



Product Service

18 GHz to 27 GHz



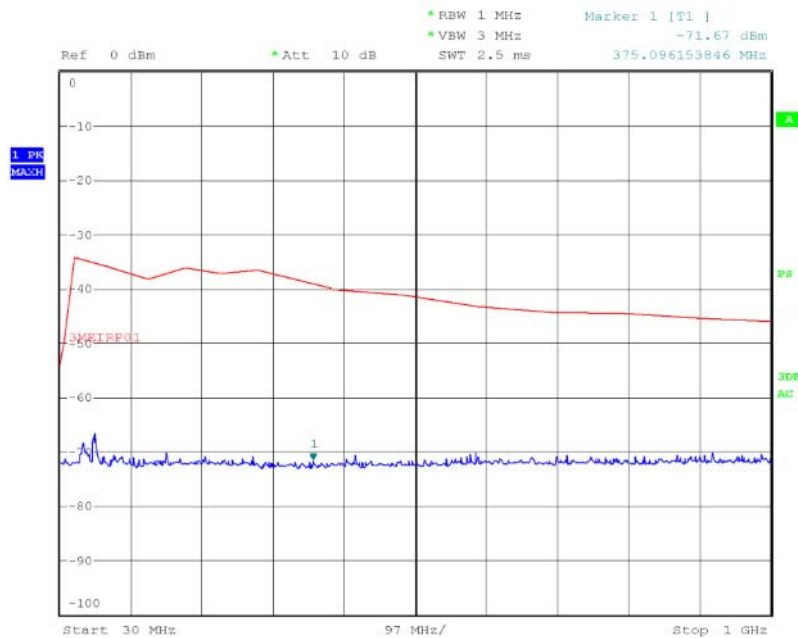
Date: 16.APR.2016 22:55:56

Frequency (MHz)	Final Peak (dBμV/m)	Final Average (dBμV/m)	Final Peak (μV/m)	Final Average (μV/m)	Angle (°)	Height (m)	Polarisation
*							

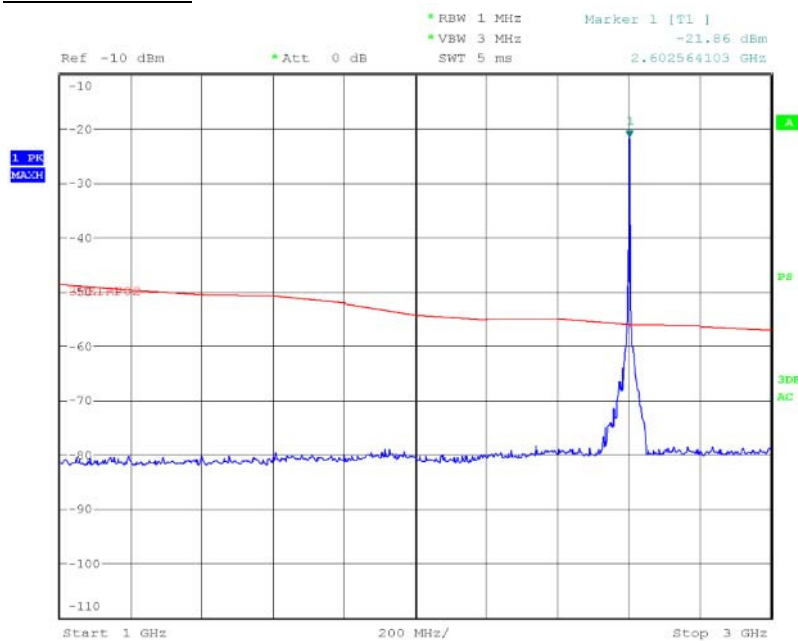
*No emissions were detected within 10 dB of the limit.



Product Service

2610.0 MHz1 Resource Block - Low30 MHz to 1 GHz

Date: 7.APR.2016 19:12:50

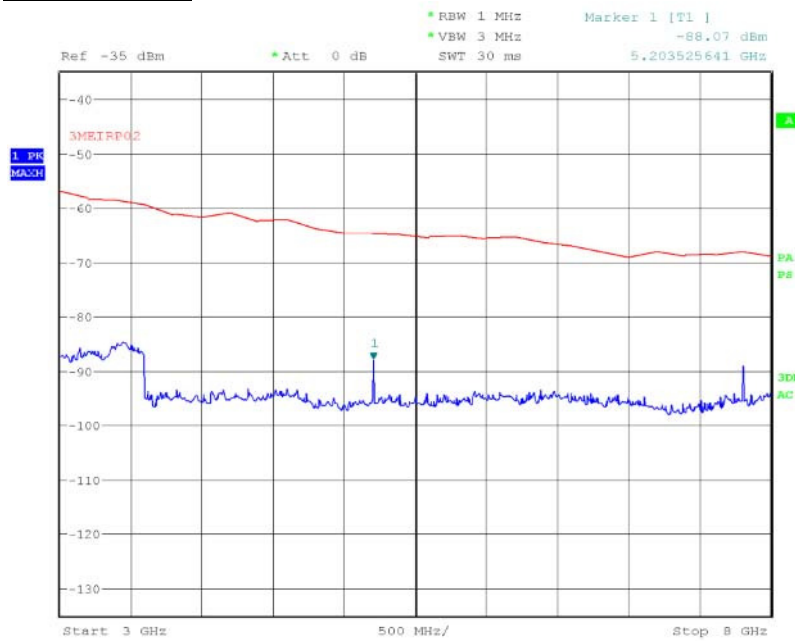
1 GHz to 3 GHz

Date: 8.APR.2016 16:59:40



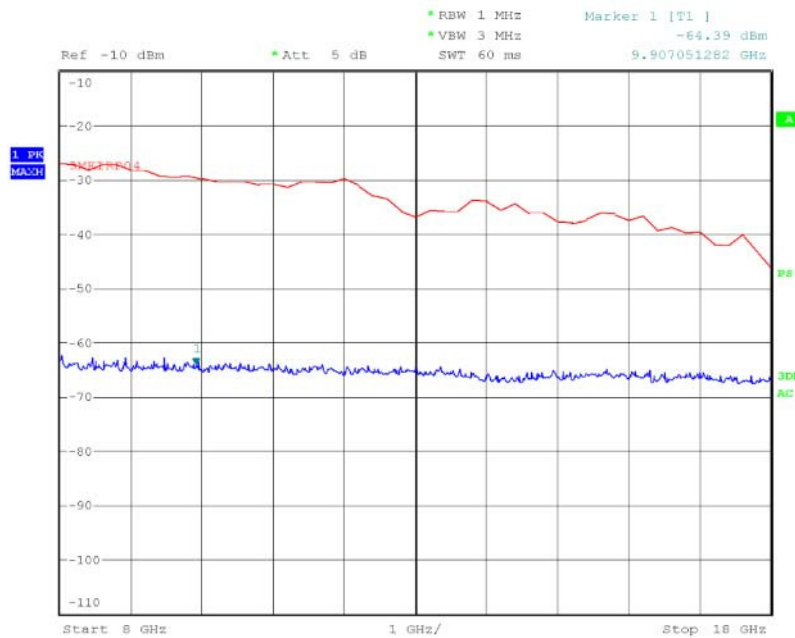
Product Service

3 GHz to 8 GHz



Date: 8.APR.2016 17:42:23

8 GHz to 18 GHz

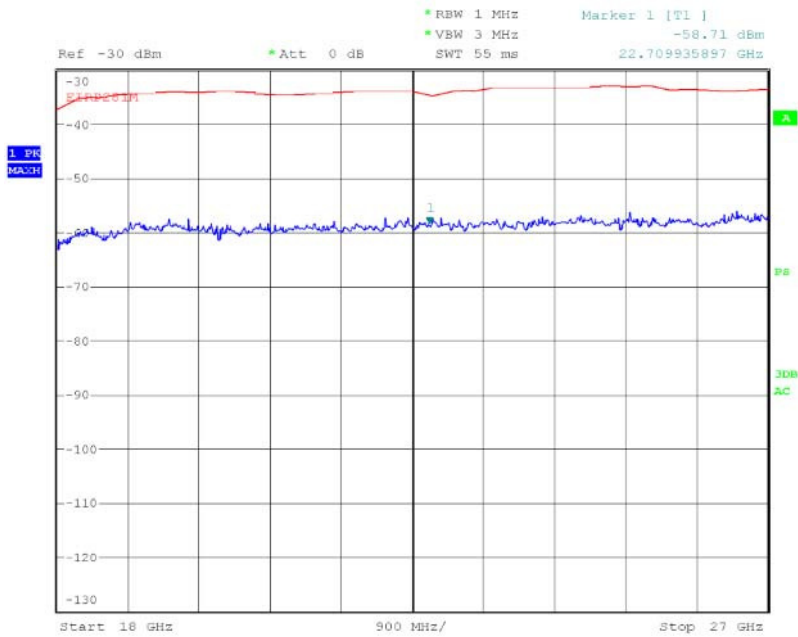


Date: 14.APR.2016 01:09:33



Product Service

18 GHz to 27 GHz



Date: 16.APR.2016 22:52:17

Frequency (MHz)	Final Peak (dBμV/m)	Final Average (dBμV/m)	Final Peak (μV/m)	Final Average (μV/m)	Angle (°)	Height (m)	Polarisation
*							

*No emissions were detected within 10 dB of the limit.



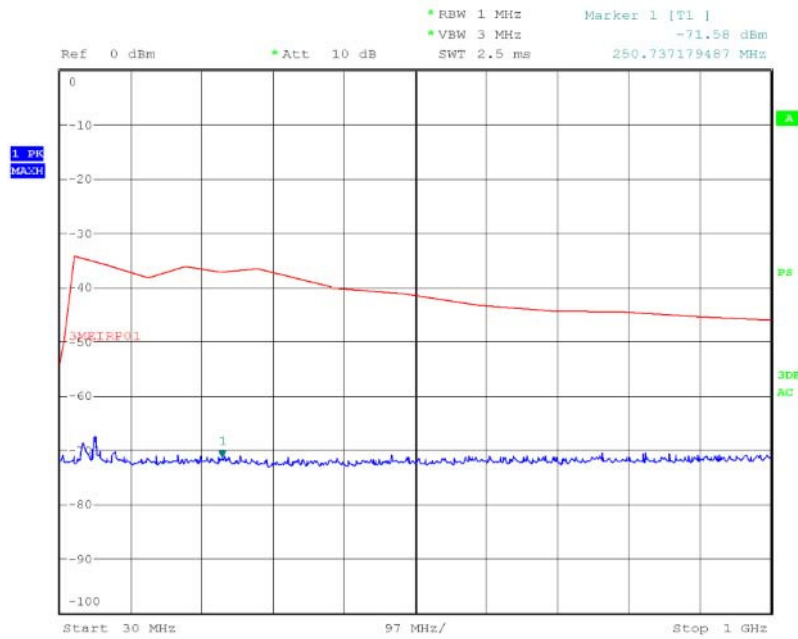
Product Service

20.0 MHz Bandwidth – 16-QAM

2577.5 MHz

1 Resource Block - Low

30 MHz to 1 GHz

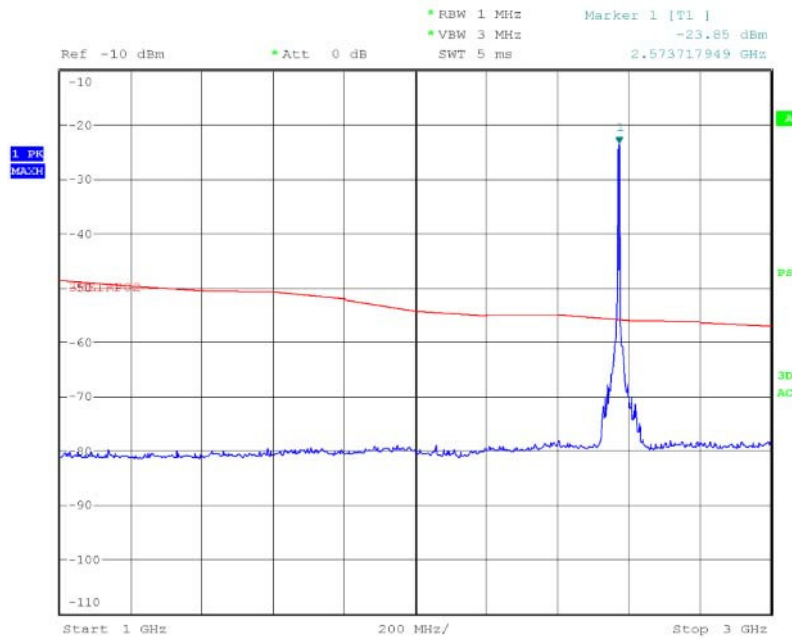


Date: 7.APR.2016 19:14:57



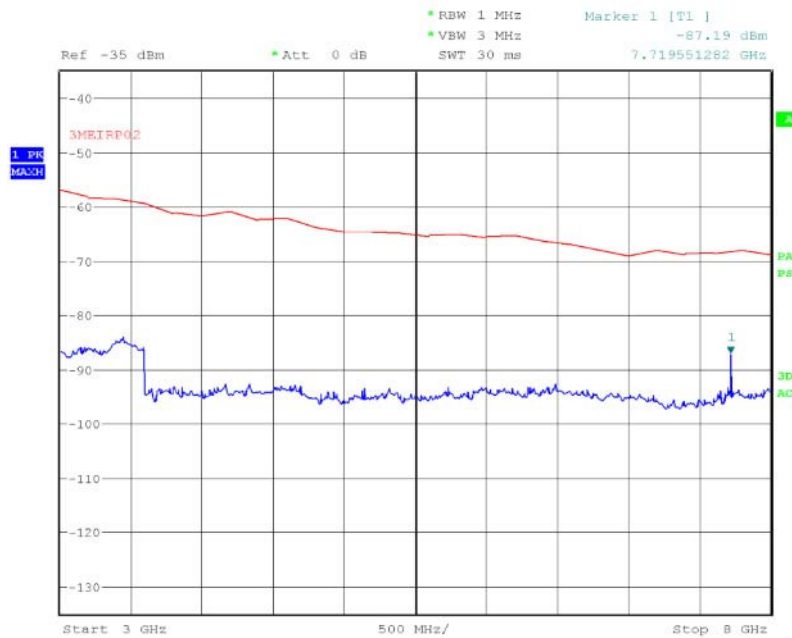
Product Service

1 GHz to 3 GHz



Date: 8.APR.2016 17:13:56

3 GHz to 8 GHz

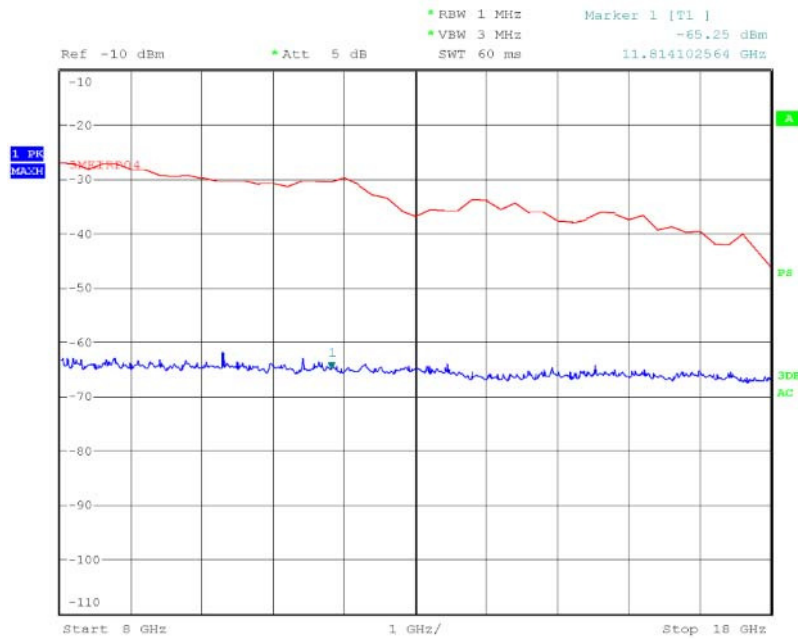


Date: 8.APR.2016 17:54:47



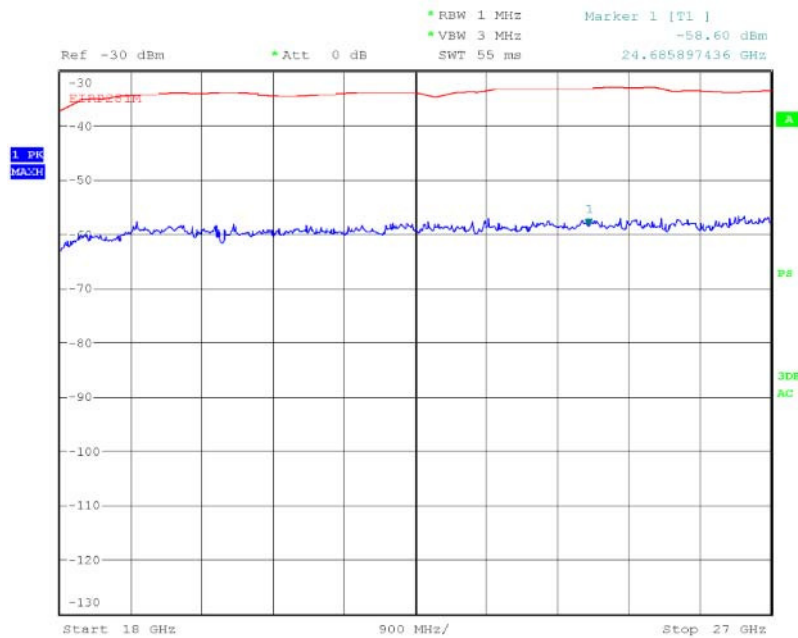
Product Service

8 GHz to 18 GHz



Date: 14.APR.2016 01:26:07

18 GHz to 27 GHz



Date: 16.APR.2016 23:00:53



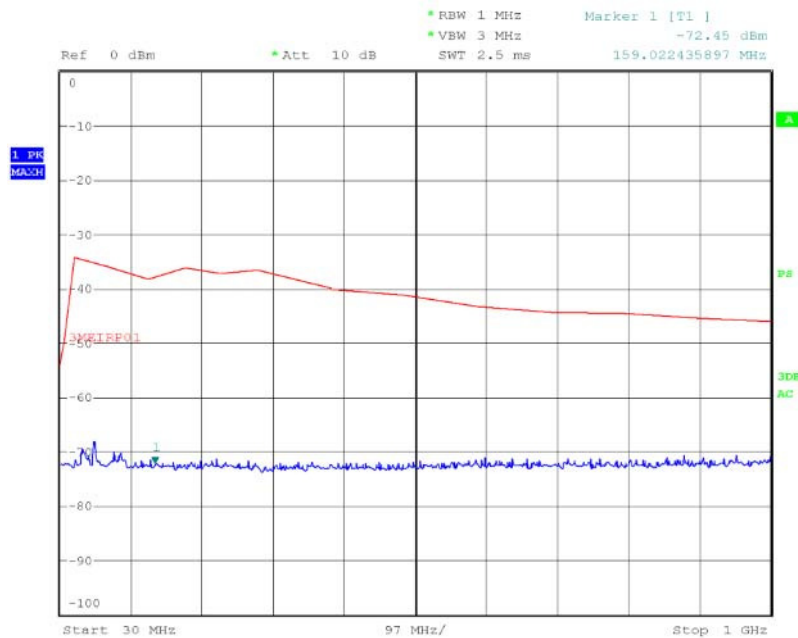
Product Service

Frequency (MHz)	Final Peak (dBμV/m)	Final Average (dBμV/m)	Final Peak (μV/m)	Final Average (μV/m)	Angle (°)	Height (m)	Polarisation
*							

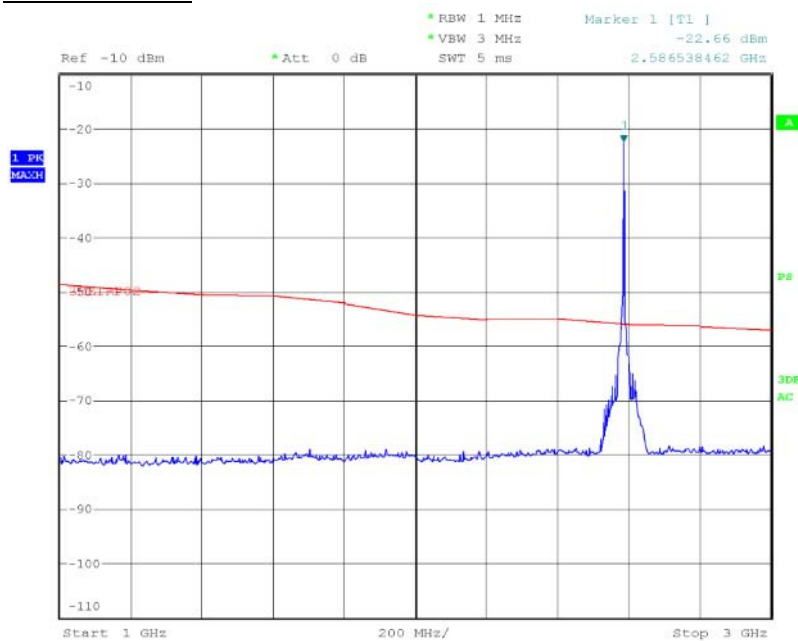
*No emissions were detected within 10 dB of the limit.



Product Service

2595.0 MHz1 Resource Block - Low30 MHz to 1 GHz

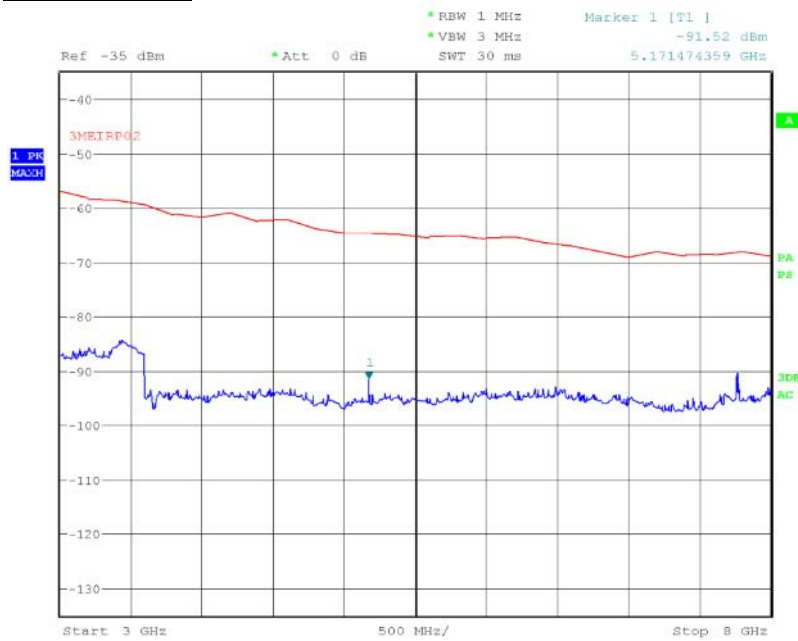
Date: 7.APR.2016 19:18:06

1 GHz to 3 GHz

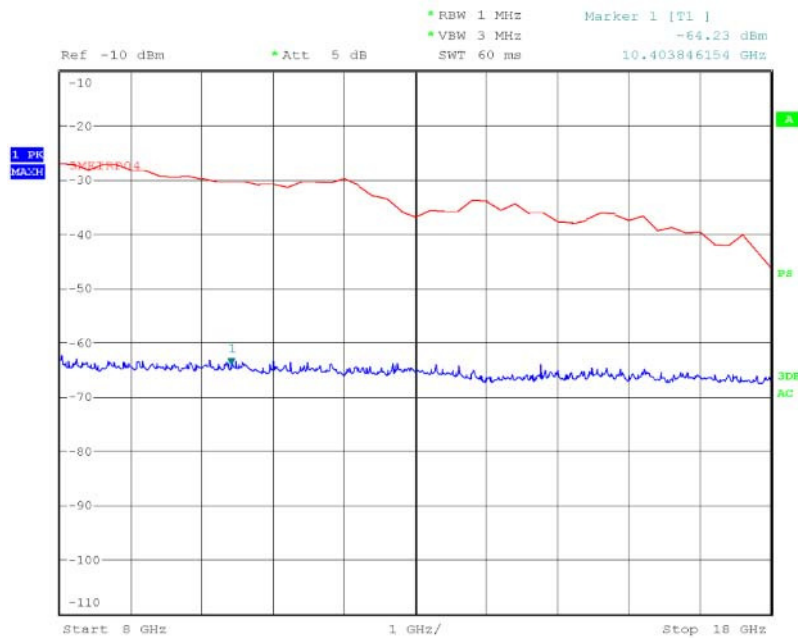
Date: 8.APR.2016 17:05:34



Product Service

3 GHz to 8 GHz

Date: 8.APR.2016 17:47:46

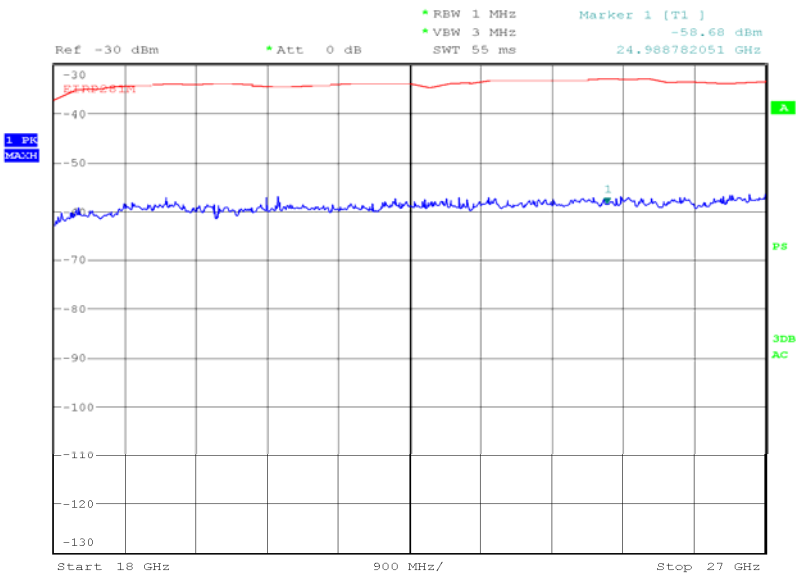
8 GHz to 18 GHz

Date: 14.APR.2016 01:19:59



Product Service

18 GHz to 27 GHz



Date: 16.APR.2016 23:05:46

Frequency (MHz)	Final Peak (dBμV/m)	Final Average (dBμV/m)	Final Peak (μV/m)	Final Average (μV/m)	Angle (°)	Height (m)	Polarisation
*							

*No emissions were detected within 10 dB of the limit.

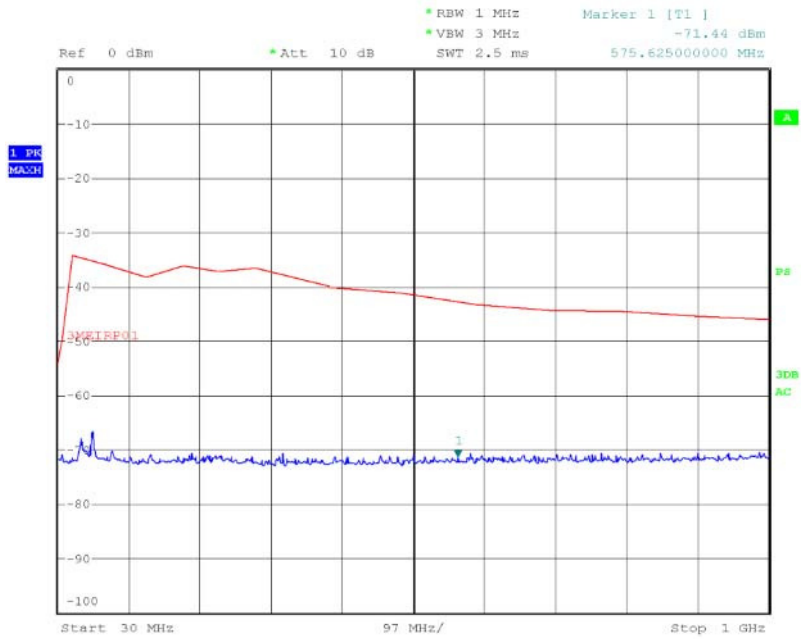


Product Service

2610.0 MHz

1 Resource Block - Low

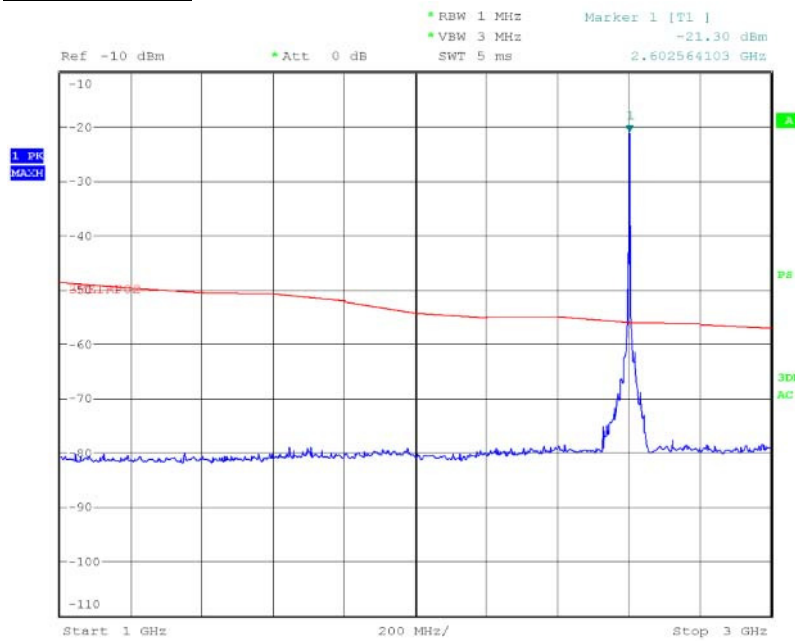
30 MHz to 1 GHz



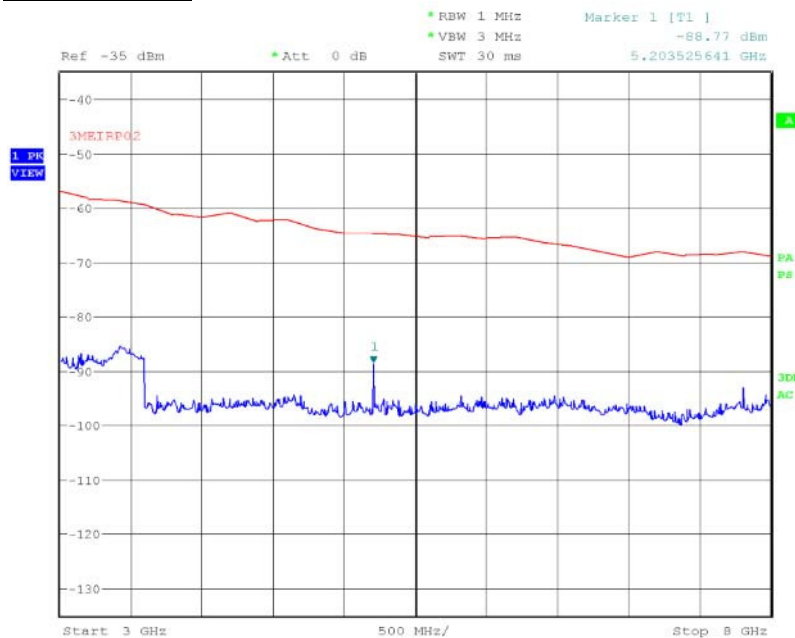
Date: 7.APR.2016 19:21:27



Product Service

1 GHz to 3 GHz

Date: 8.APR.2016 17:02:43

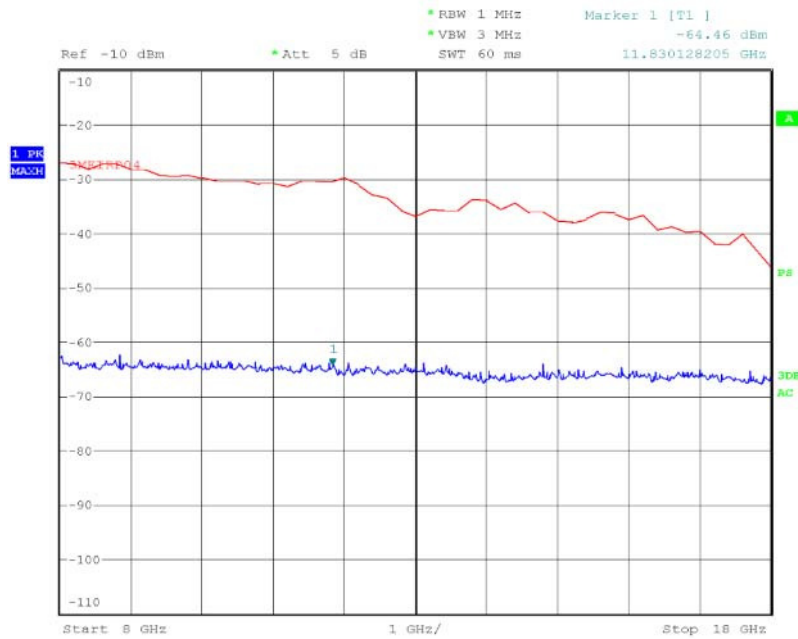
3 GHz to 8 GHz

Date: 8.APR.2016 17:44:48



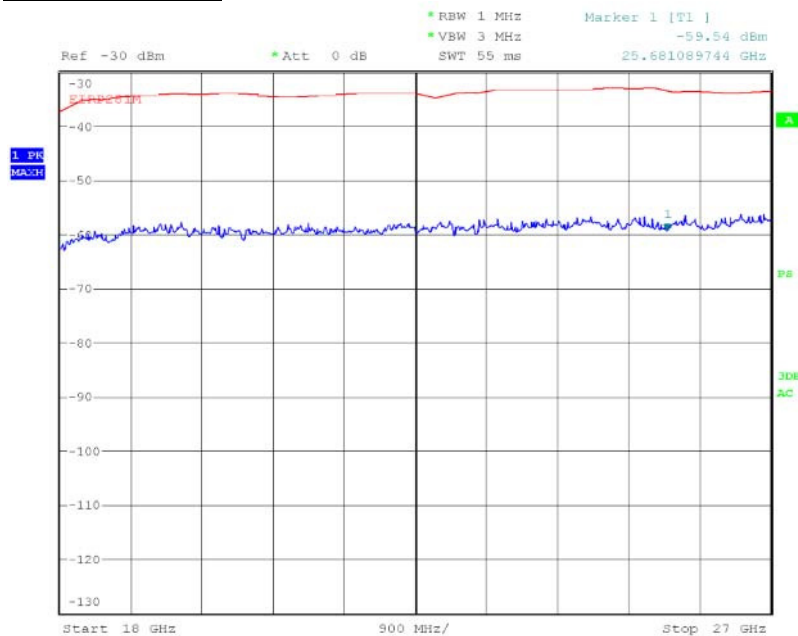
Product Service

8 GHz to 18 GHz



Date: 14.APR.2016 01:13:43

18 GHz to 27 GHz



Date: 16.APR.2016 23:10:16



Product Service

Frequency (MHz)	Final Peak (dBμV/m)	Final Average (dBμV/m)	Final Peak (μV/m)	Final Average (μV/m)	Angle (°)	Height (m)	Polarisation
*							

*No emissions were detected within 10 dB of the limit.

FCC 47 CFR Part 27, Limit Clause 27.53

-13 dBm



Product Service

2.3 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

2.3.1 Specification Reference

FCC 47 CFR Part 2, Clause 2.1051
FCC 47 CFR Part 27, Clause 27.53

2.3.2 Equipment Under Test and Modification State

S/N: IMEI 004401115723252 - Modification State 0

2.3.3 Date of Test

21 April 2016 & 23 April 2016

2.3.4 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.3.5 Test Procedure

The test was performed in accordance with KDB 971168 D01 v02r02, Clause 6.

2.3.6 Environmental Conditions

Ambient Temperature	23.6 - 25.8°C
Relative Humidity	18.7 - 31.1%



Product Service

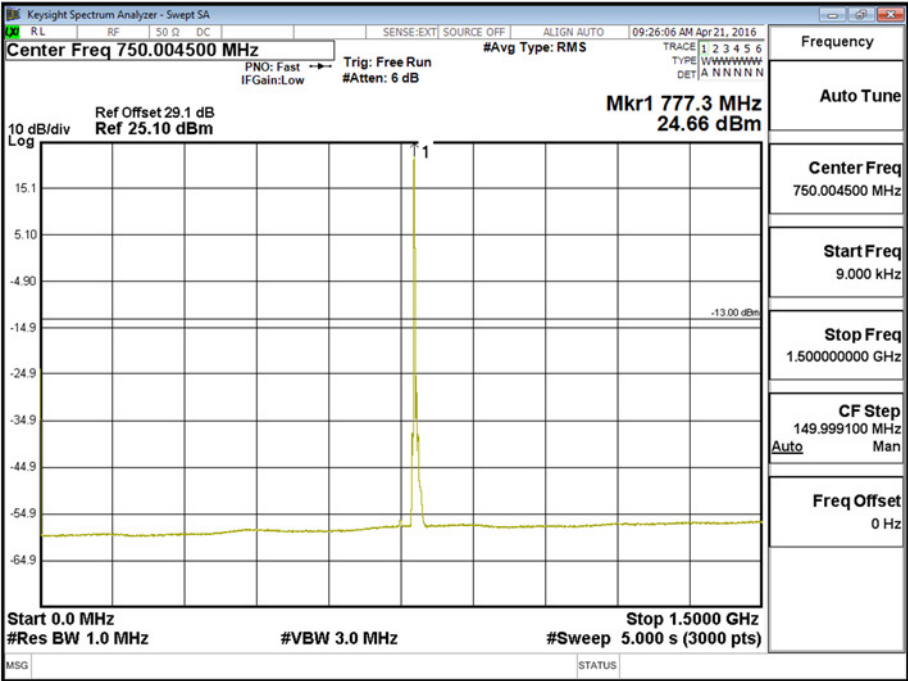
2.3.7 Test Results

4.0 V DC Supply

LTE FDD13, Spurious Emissions at Antenna Terminals Results

5.0 MHz Bandwidth - QPSK

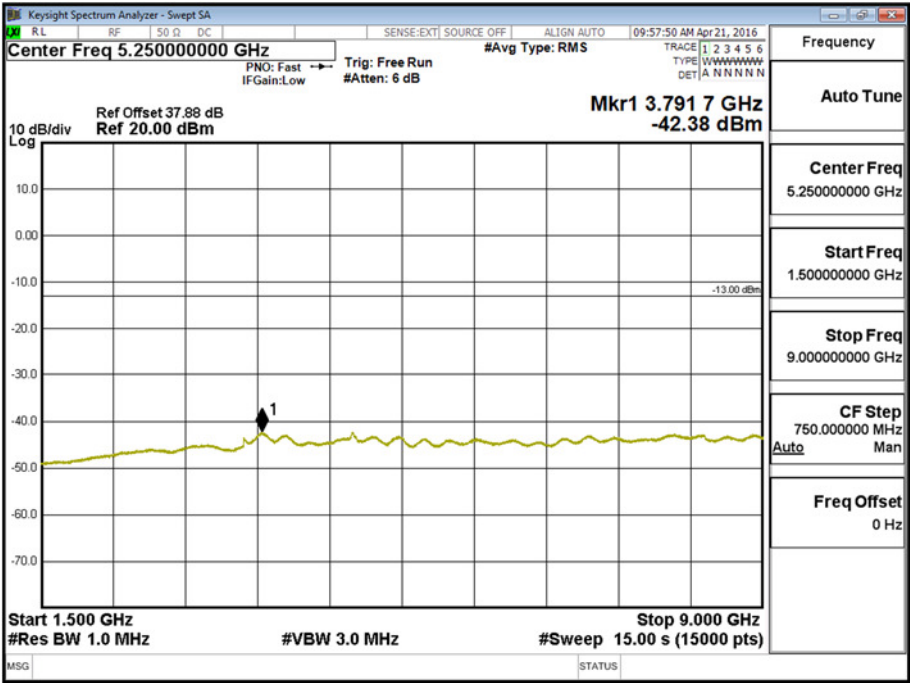
779.5 MHz - 1 Resource Block – Low – 9 kHz to 1.5 GHz





Product Service

779.5 MHz - 1 Resource Block – Low – 1.5 GHz to 9.0 GHz

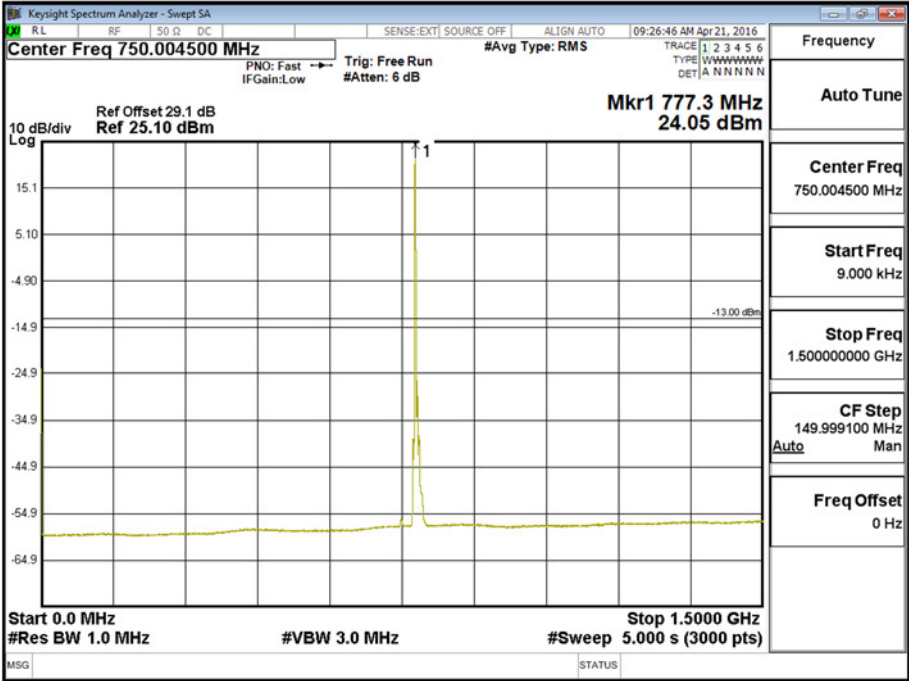




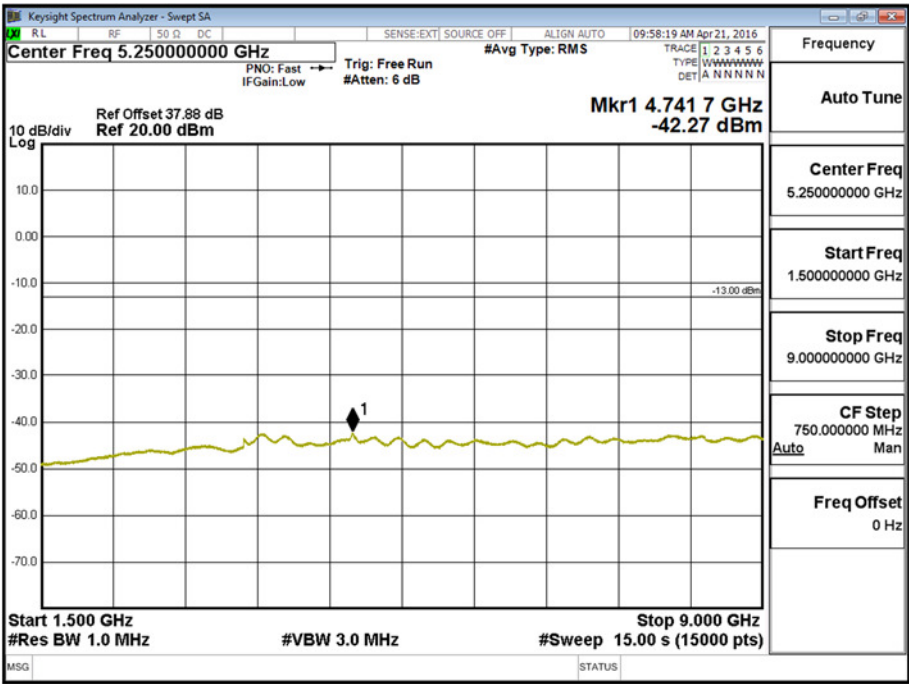
Product Service

5.0 MHz Bandwidth - 16-QAM

779.5 MHz - 1 Resource Block – Low – 9 kHz to 1.5 GHz



779.5 MHz - 1 Resource Block – Low – 1.5 GHz to 9.0 GHz

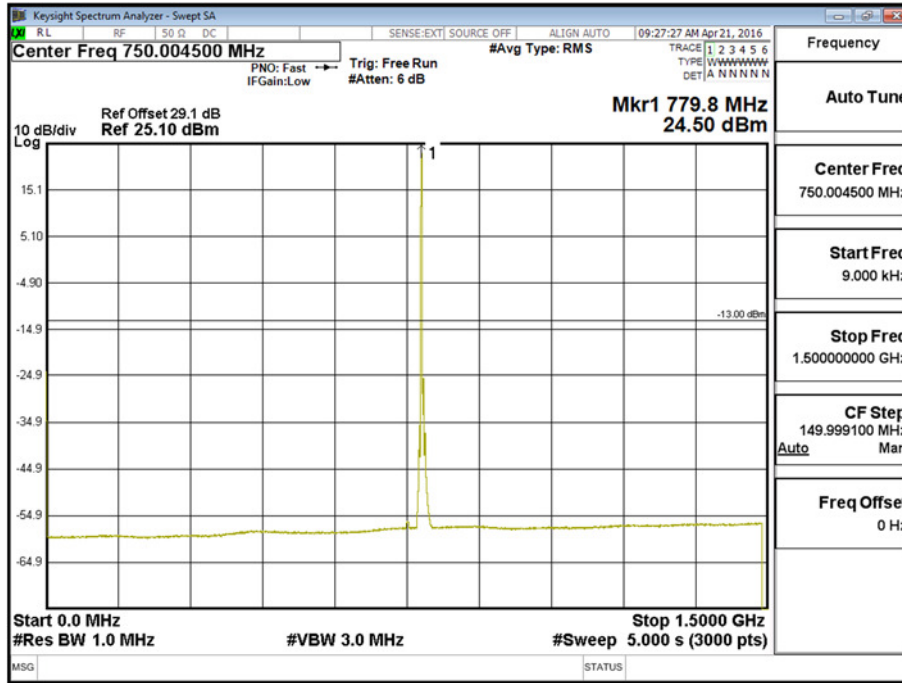




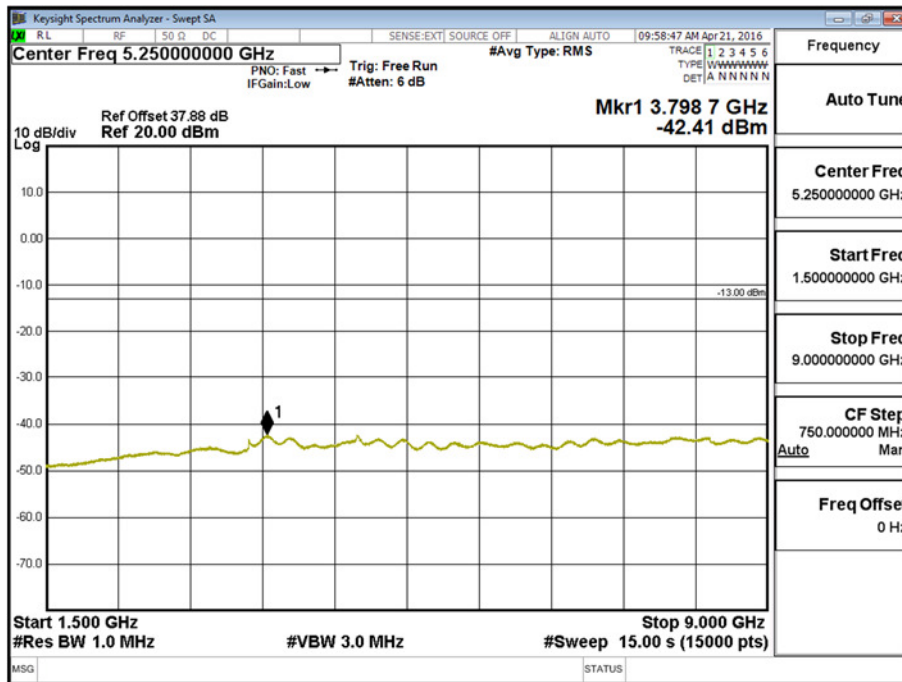
Product Service

5.0 MHz Bandwidth - QPSK

782.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



782.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

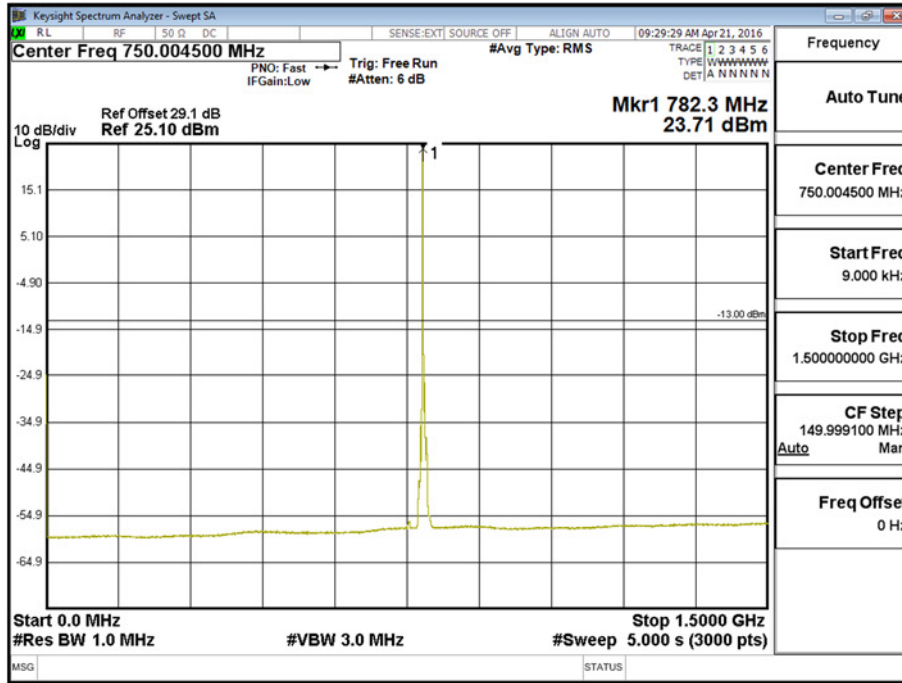




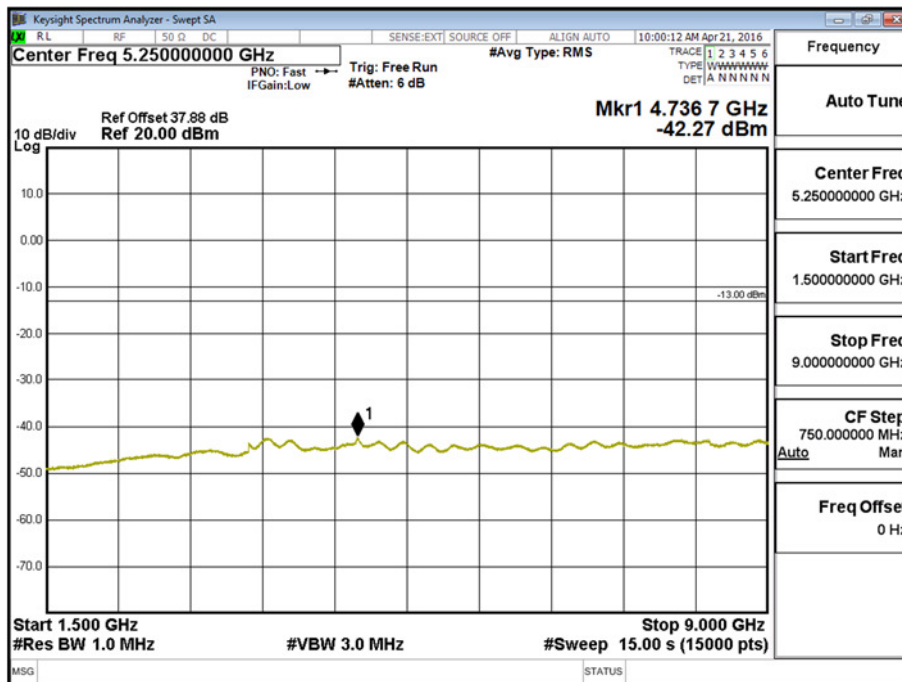
Product Service

5.0 MHz Bandwidth - 16-QAM

784.5 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



784.5 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

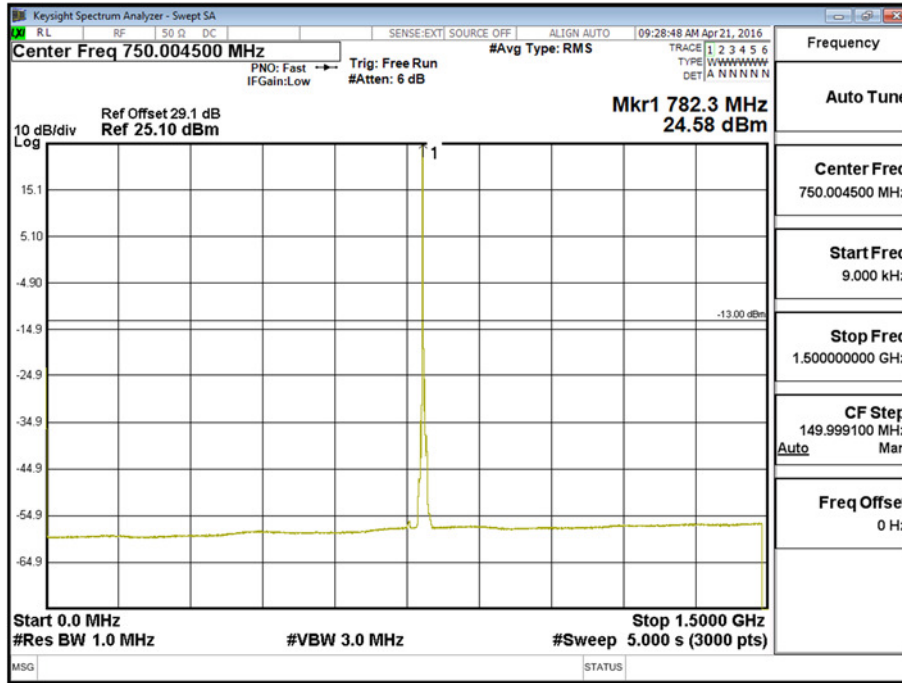




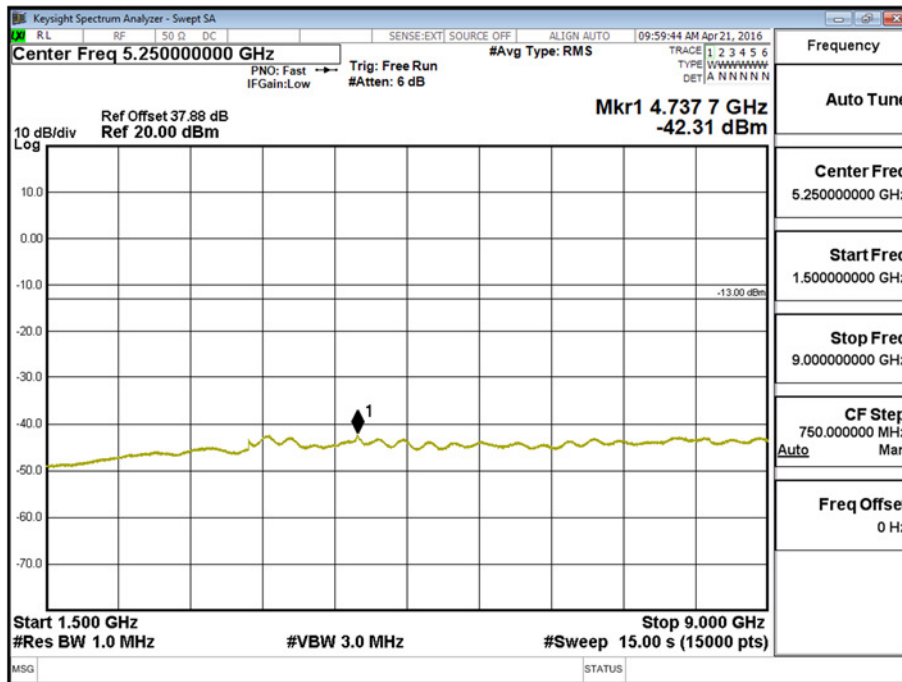
Product Service

5.0 MHz Bandwidth - QPSK

784.5 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



784.5 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

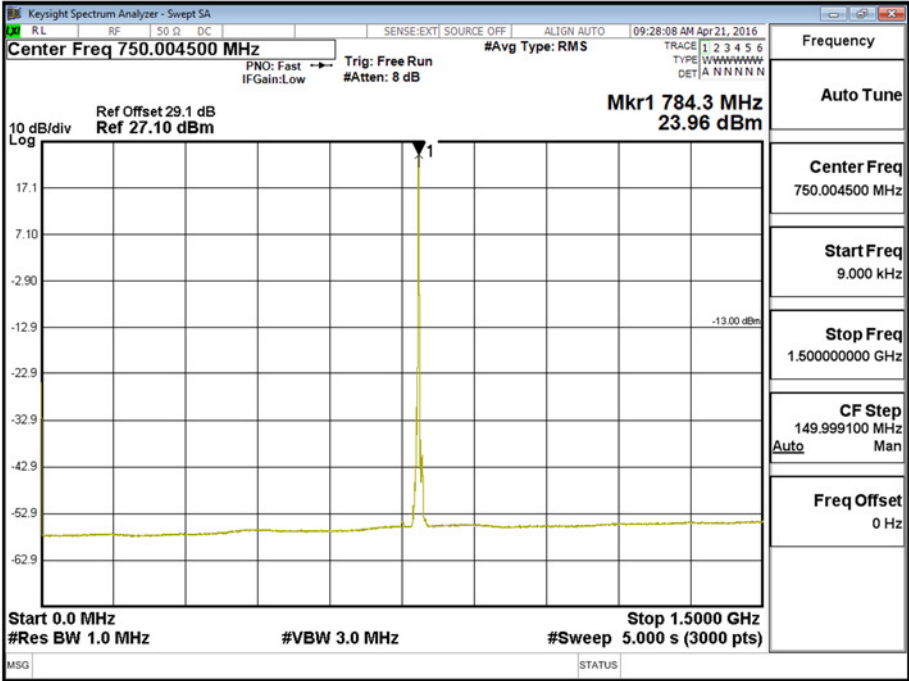




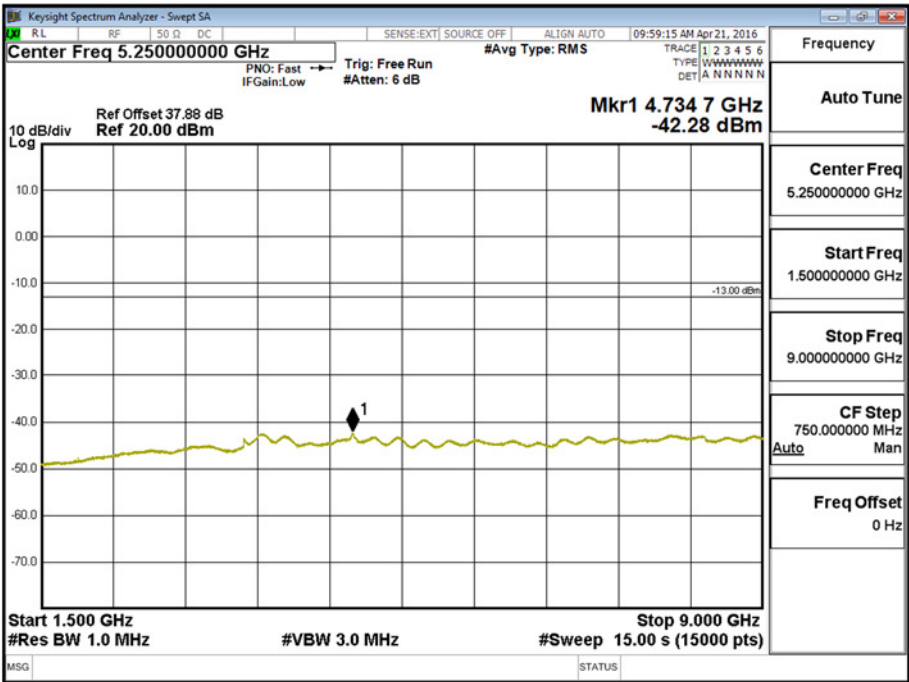
Product Service

5.0 MHz Bandwidth - 16-QAM

782 .0 MHz - 1 Resource Block - Mid – 9 kHz to 1.5 GHz



782 .0 MHz - 1 Resource Block - Mid – 1.5 GHz to 9.0 GHz

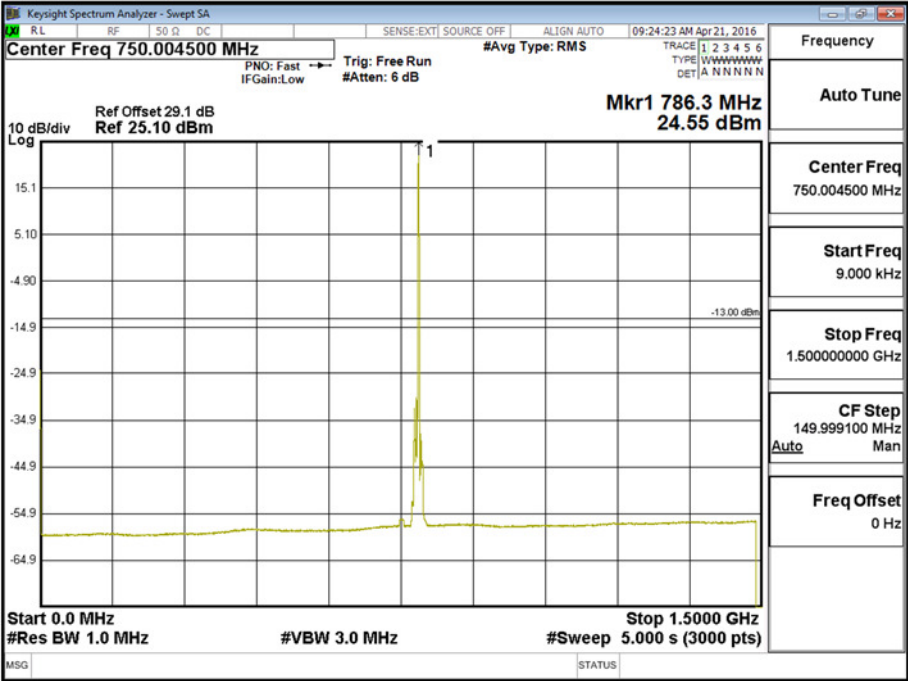




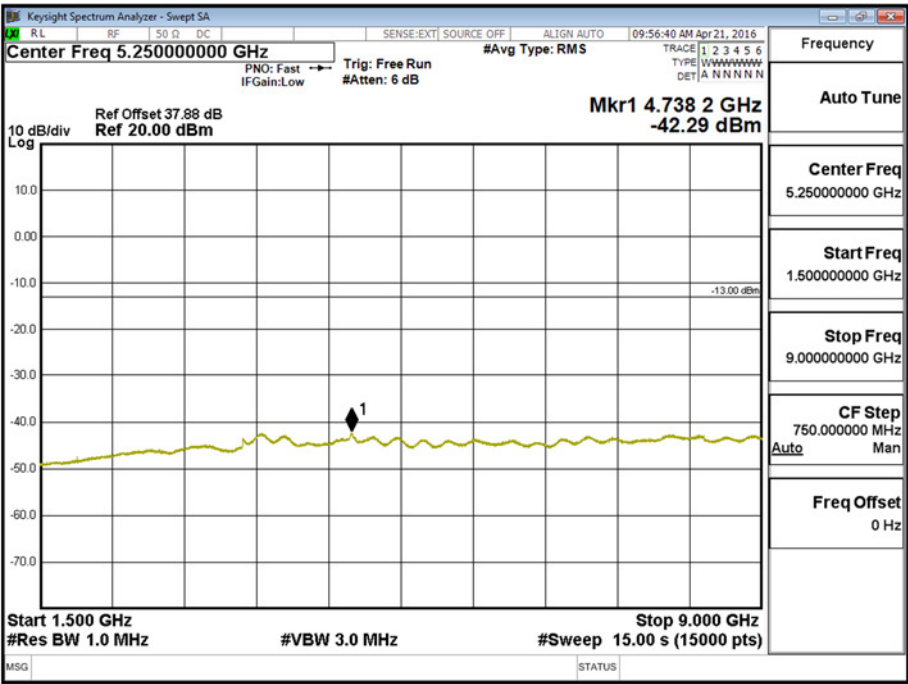
Product Service

10.0 MHz Bandwidth - QPSK

782.0 MHz - 1 Resource Block - High – 9 kHz to 1.5 GHz



782.0 MHz - 1 Resource Block - High – 1.5 GHz to 9.0 GHz

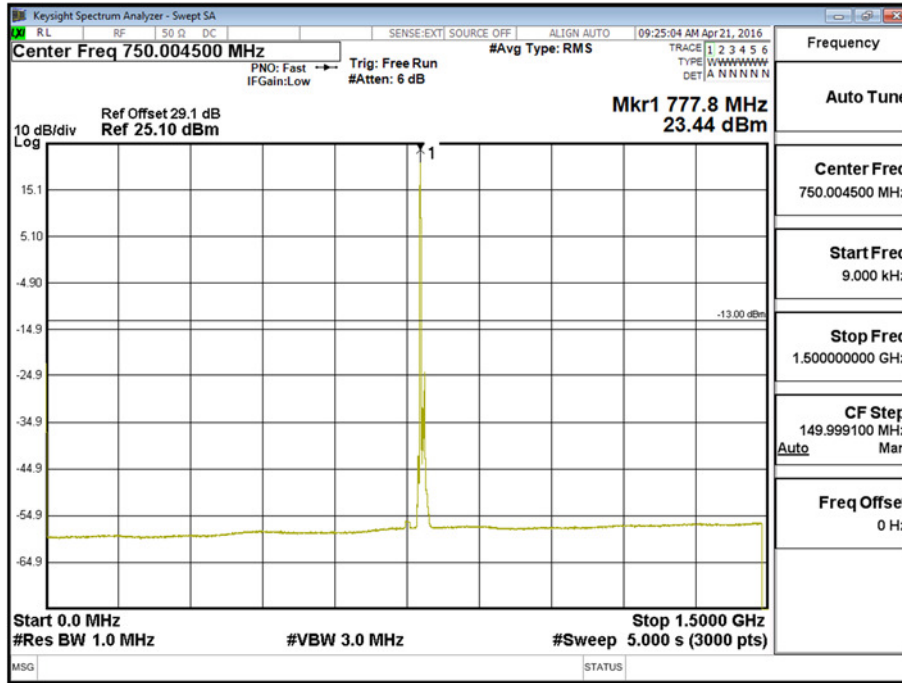




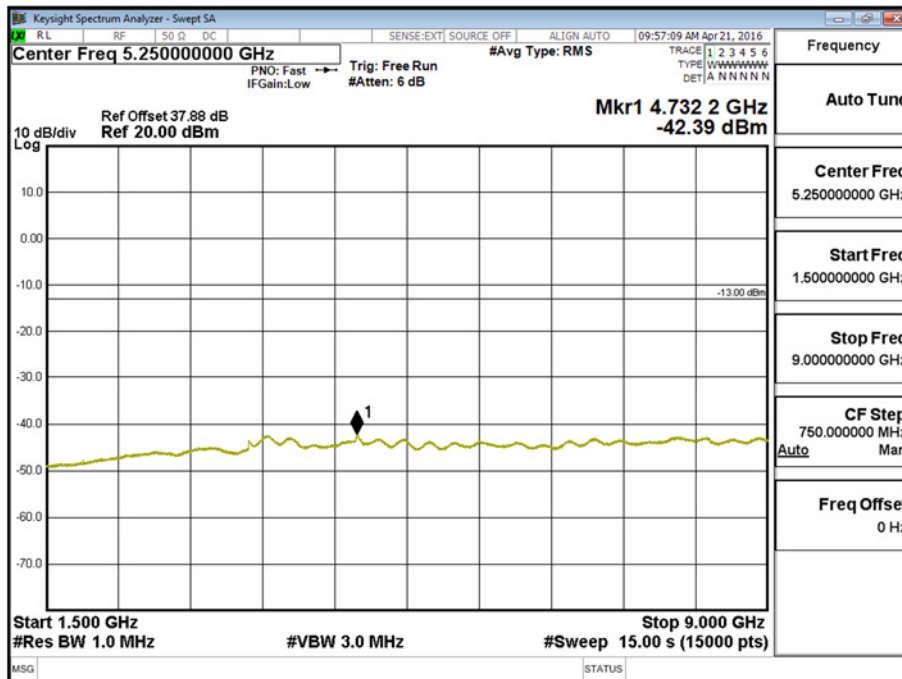
Product Service

10.0 MHz Bandwidth - 16-QAM

782.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



782.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz



FCC 47 CFR Part 27 Limit Clause 27.53 (c)(2)

-13 dBm

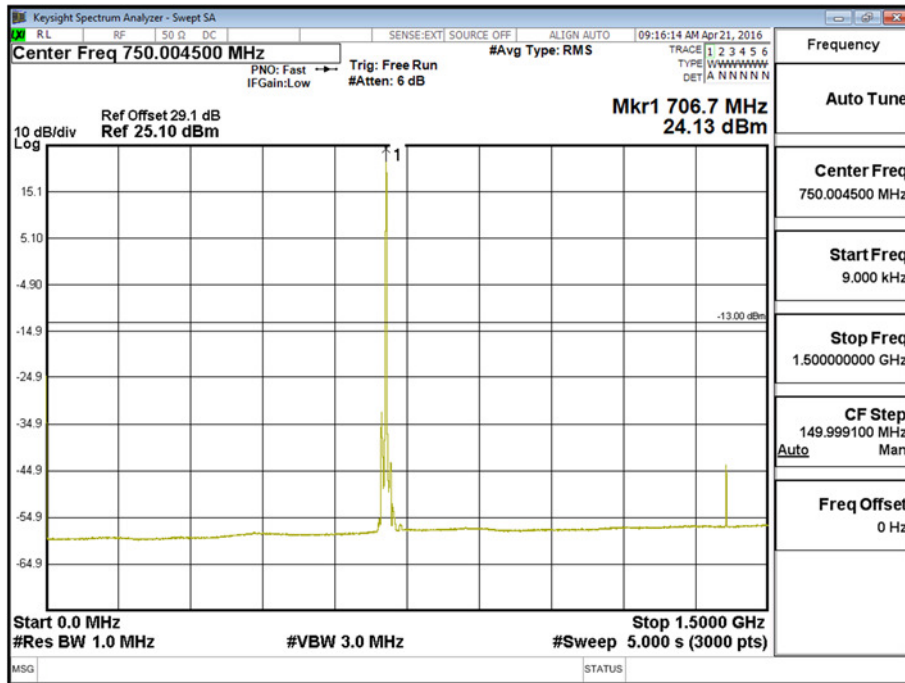
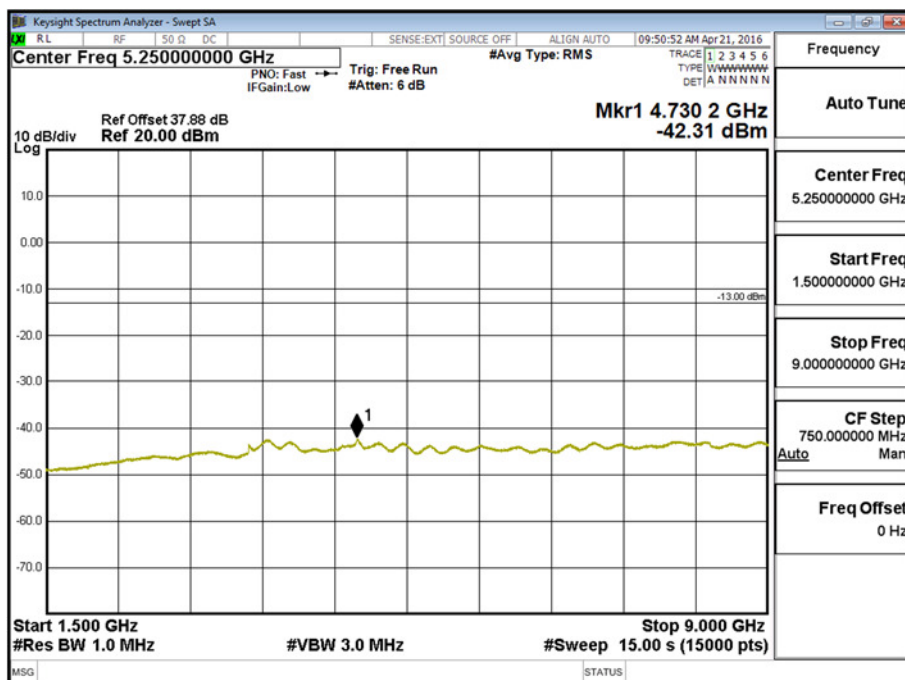


Product Service

4.0 V DC Supply

LTE FDD17, Spurious Emissions at Antenna Terminals Results

5.0 MHz Bandwidth - QPSK

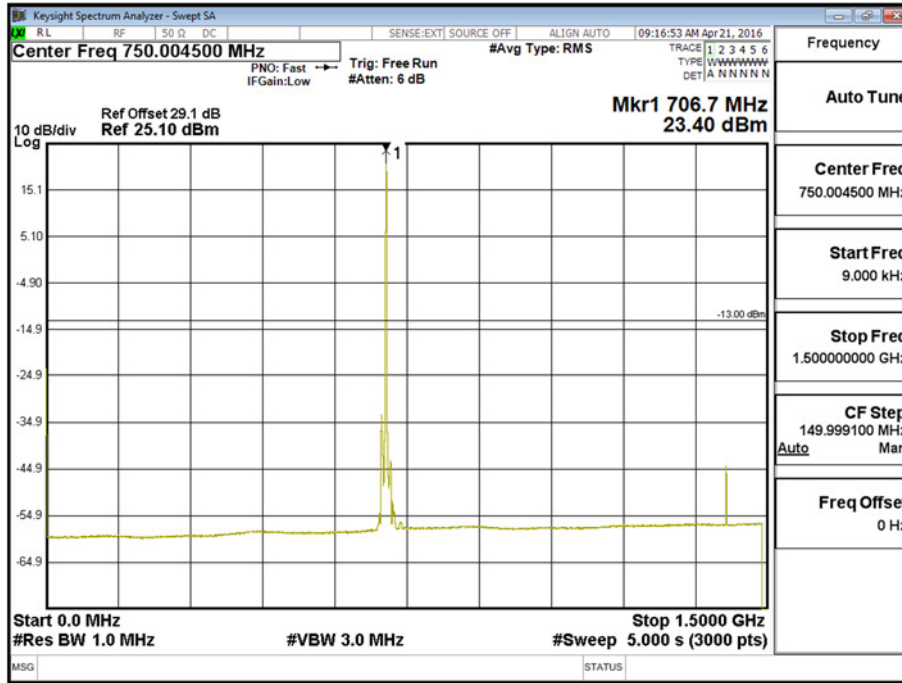
706.5 MHz - 1 Resource Block – Mid – 9 kHz to 1.5 GHz706.5 MHz - 1 Resource Block – Mid – 1.5 GHz to 9.0 GHz



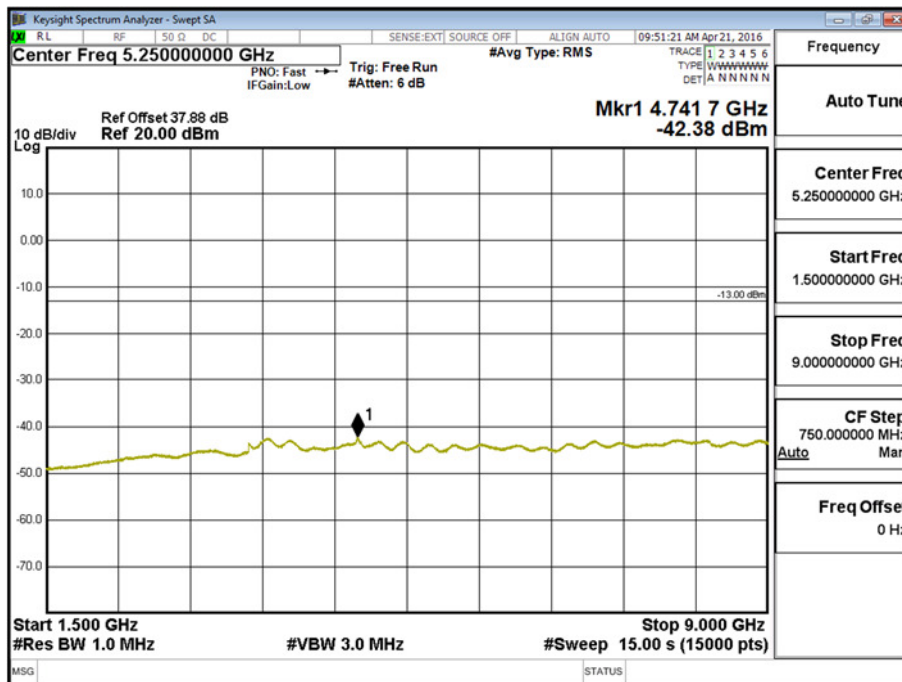
Product Service

5.0 MHz Bandwidth - 16-QAM

706.5 MHz - 1 Resource Block – Mid – 9 kHz to 1.5 GHz



706.5 MHz - 1 Resource Block – Mid – 1.5 GHz to 9.0 GHz

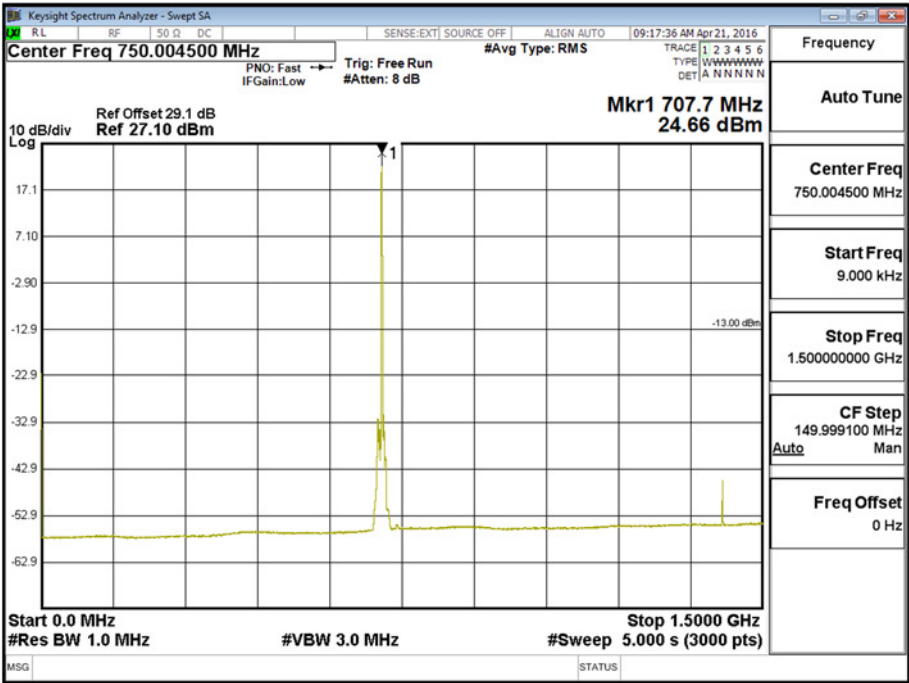




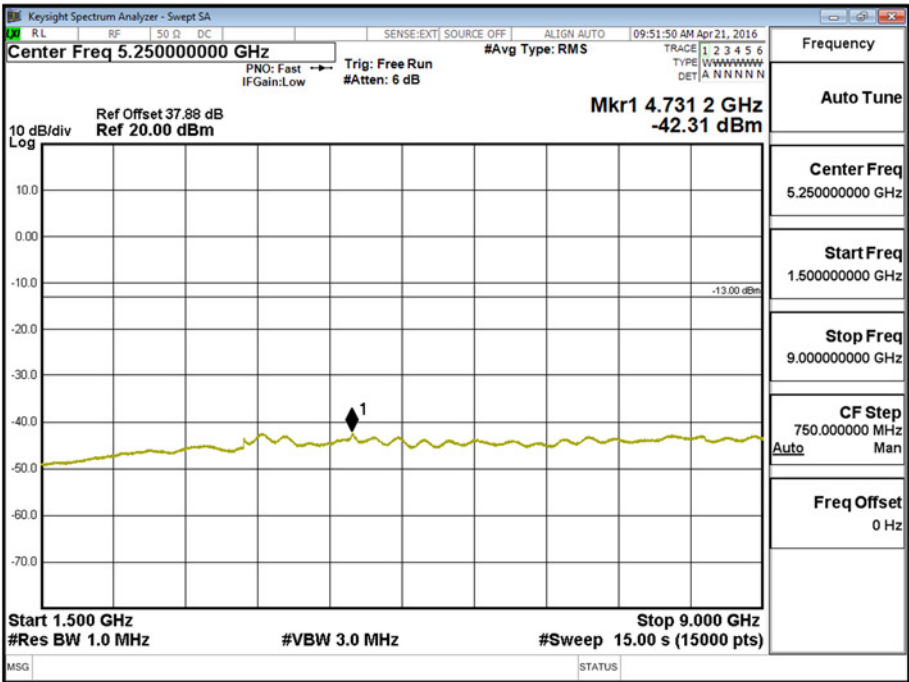
Product Service

5.0 MHz Bandwidth - QPSK

710 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



710 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

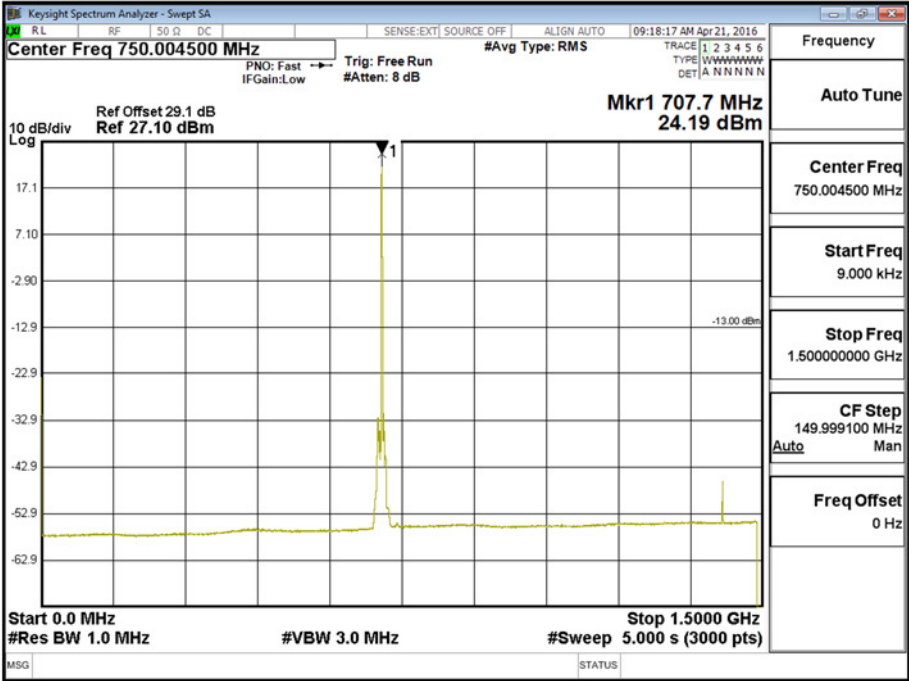




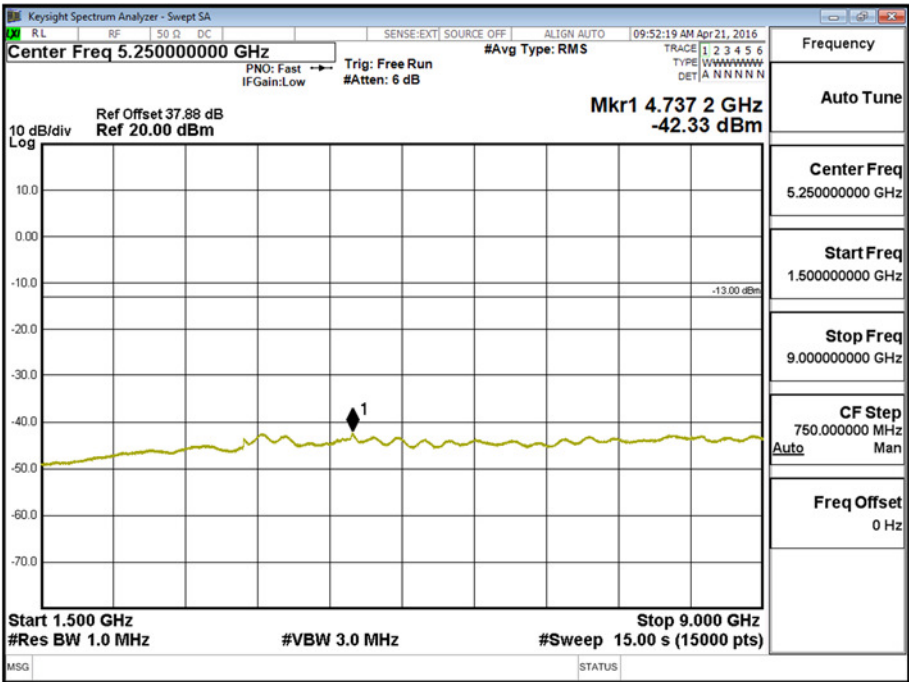
Product Service

5.0 MHz Bandwidth - 16-QAM

2595.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



2595.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

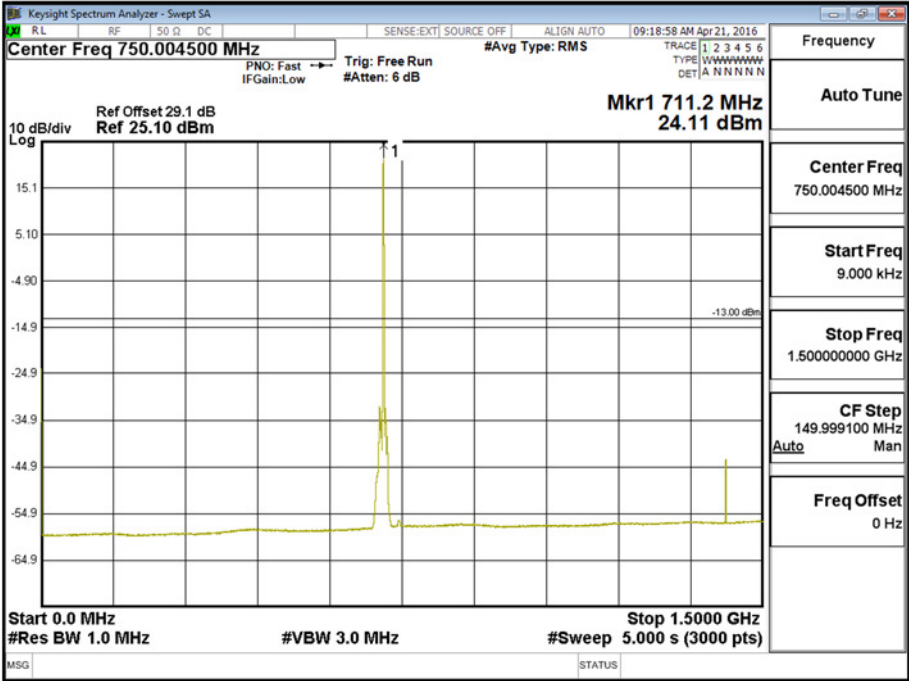




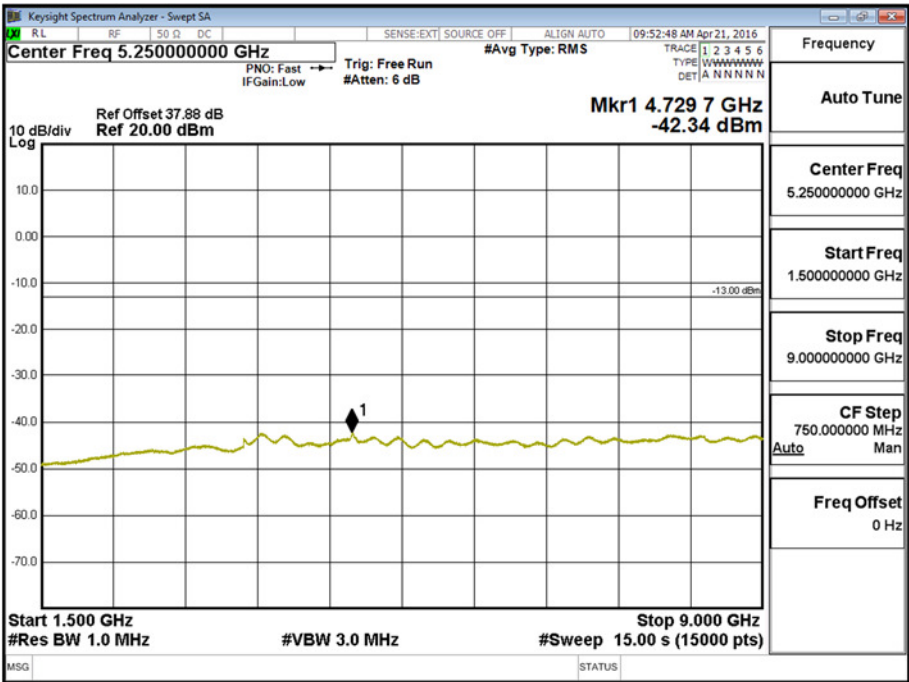
Product Service

5.0 MHz Bandwidth - QPSK

713.5 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



713.5 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz

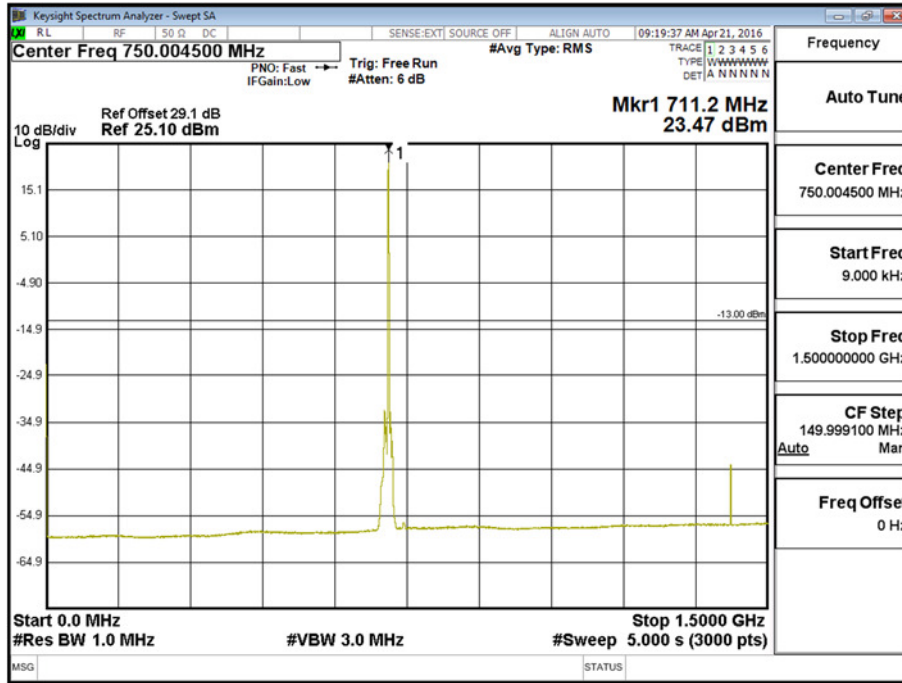




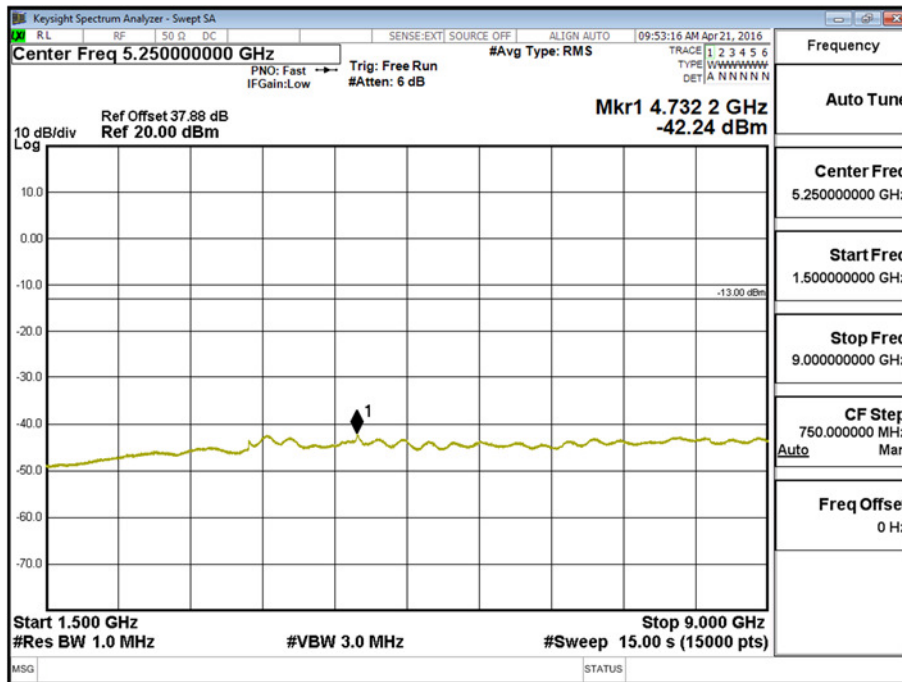
Product Service

5.0 MHz Bandwidth - 16-QAM

713.5 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



713.5 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

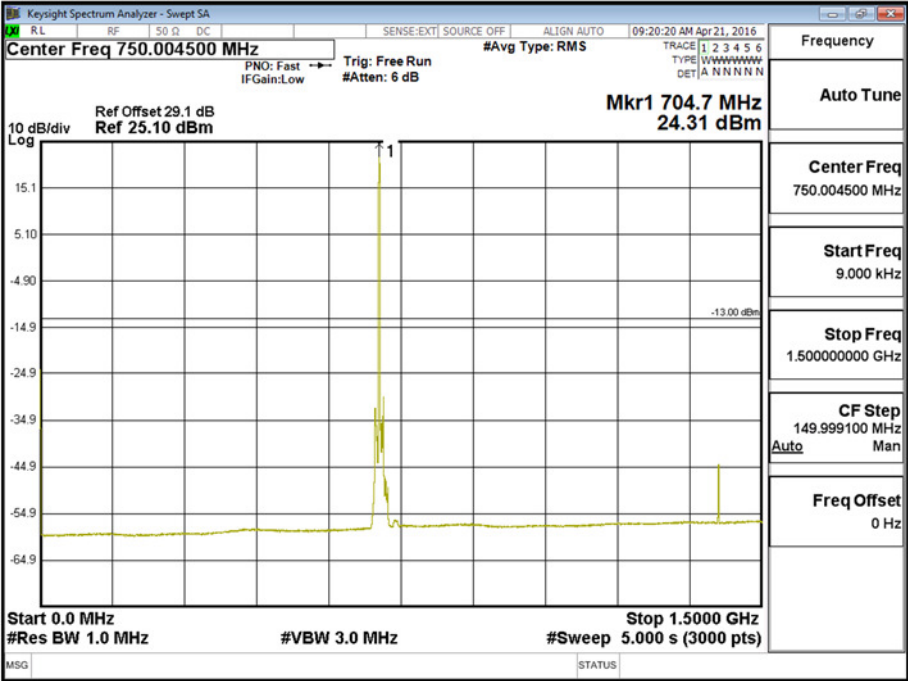




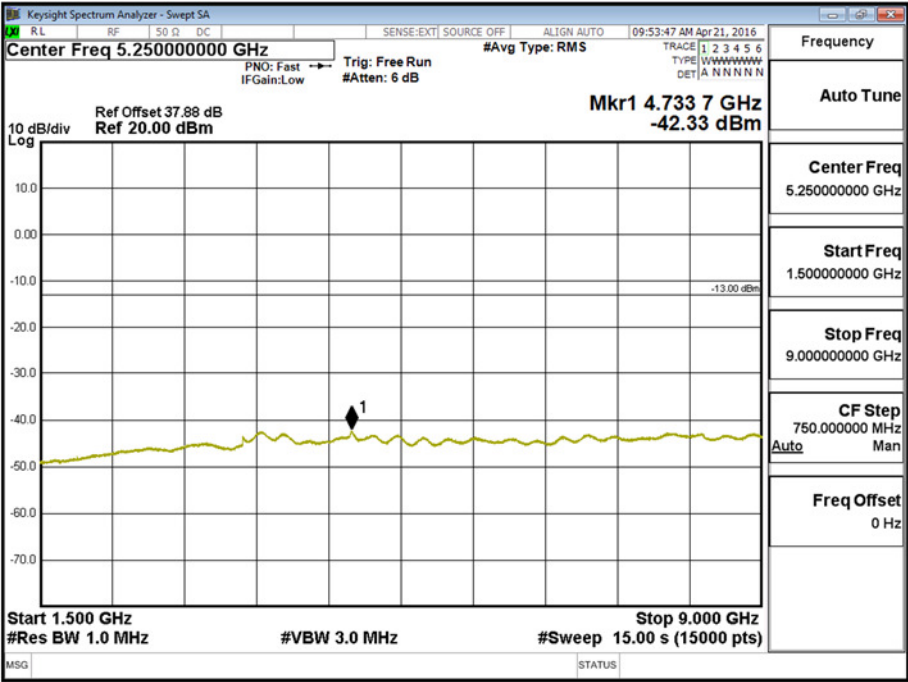
Product Service

10.0 MHz Bandwidth - QPSK

709.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



709.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

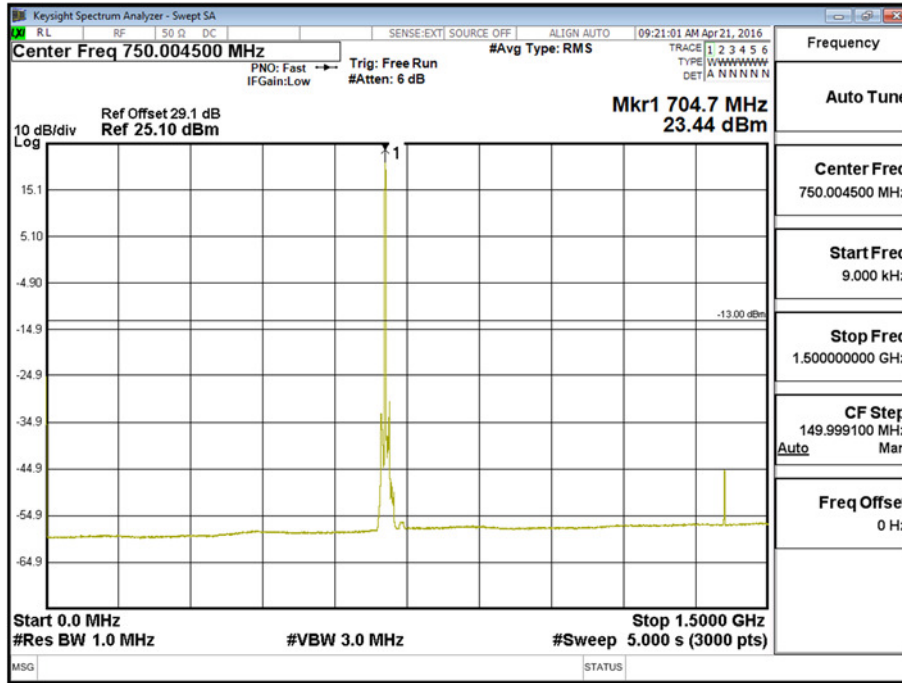




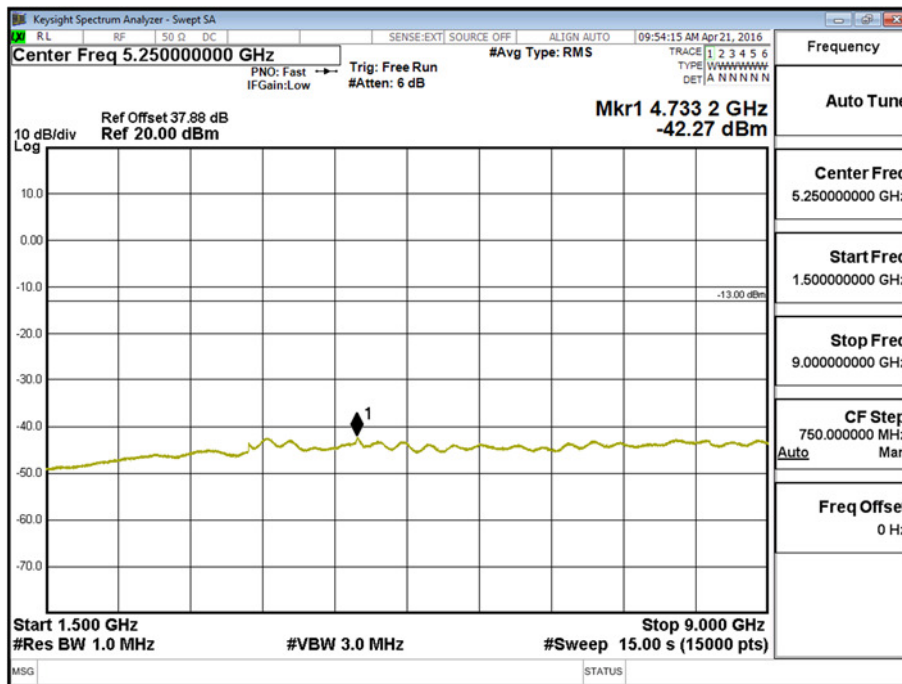
Product Service

10.0 MHz Bandwidth - 16-QAM

709 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



709 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

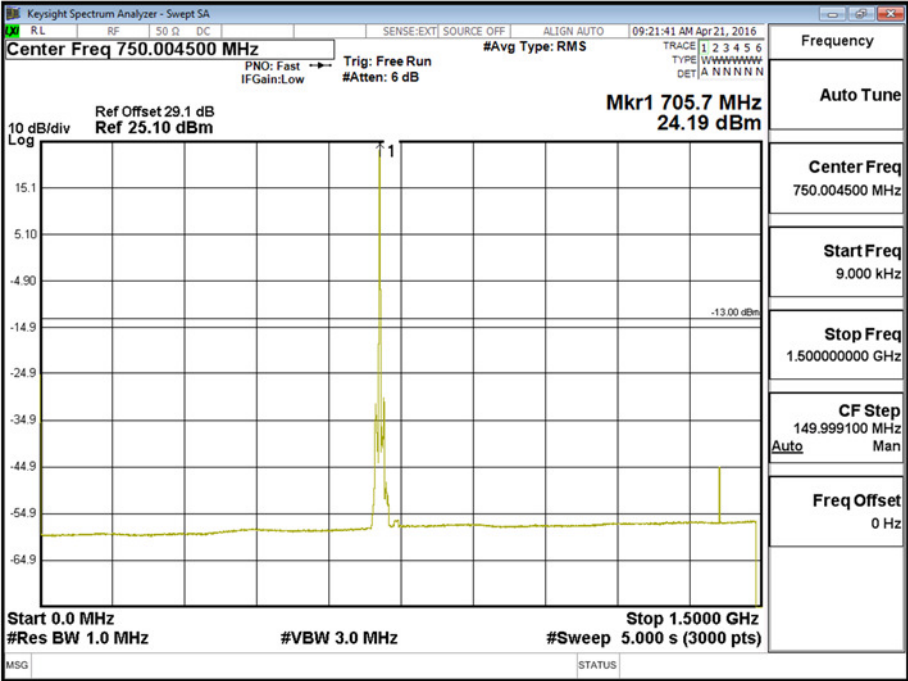




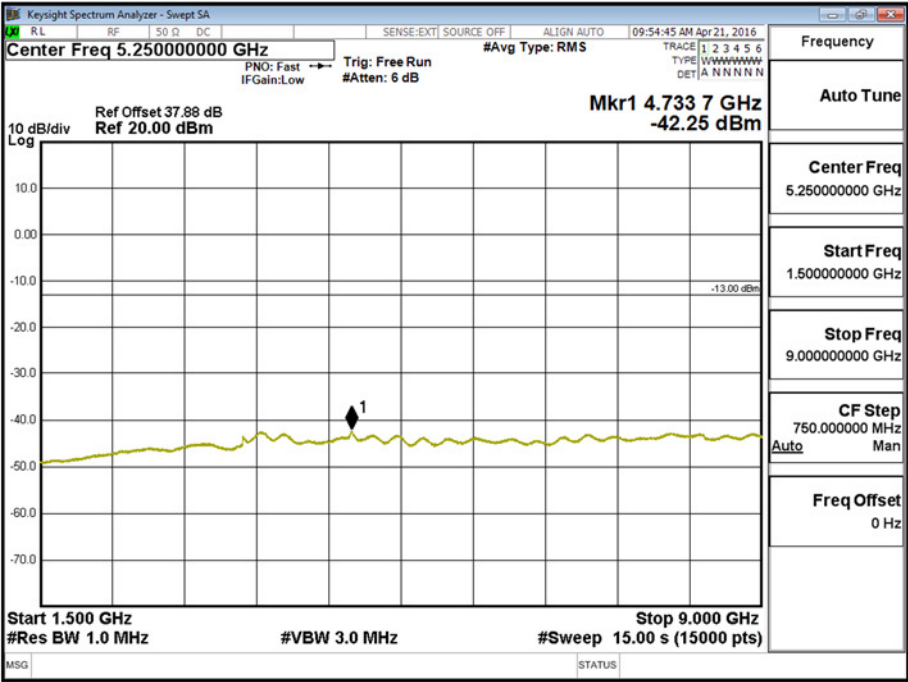
Product Service

10.0 MHz Bandwidth - QPSK

710.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



710.0 MHz - 1 Resource Block - Low – 1.5 kHz to 9.0 GHz

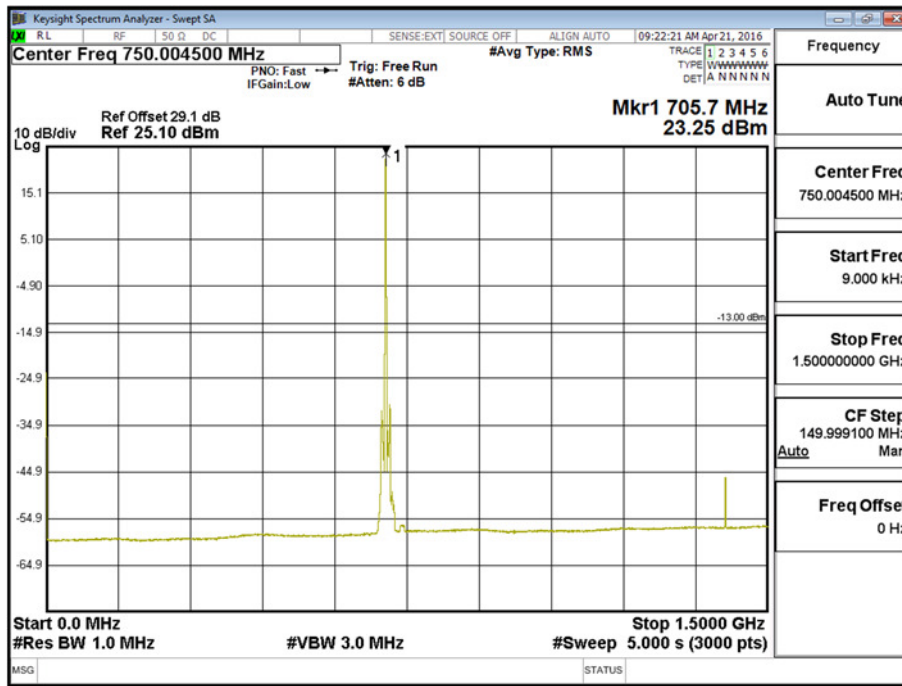




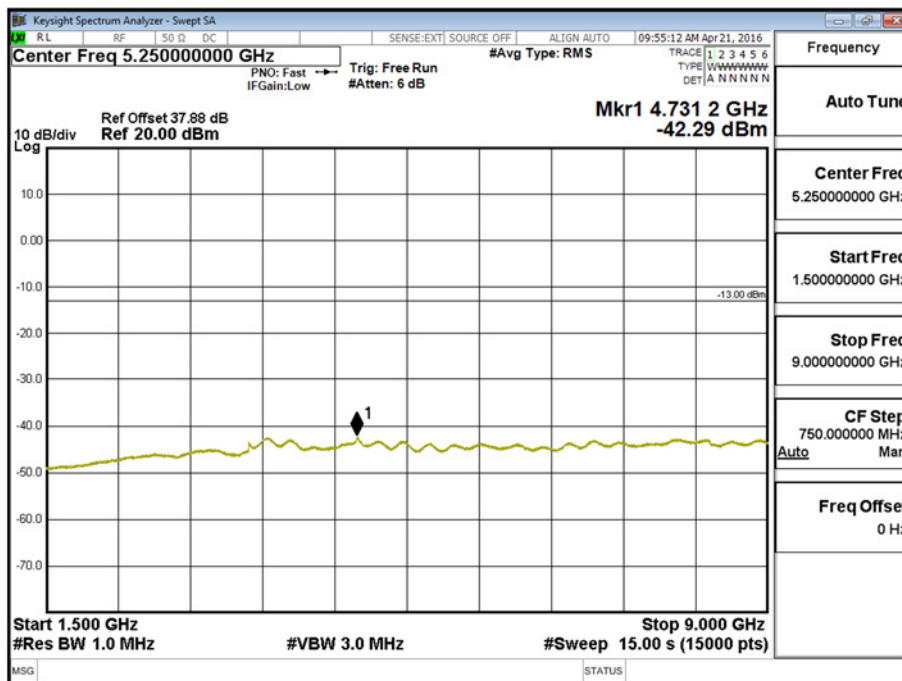
Product Service

10.0 MHz Bandwidth - 16-QAM

710.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



710.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

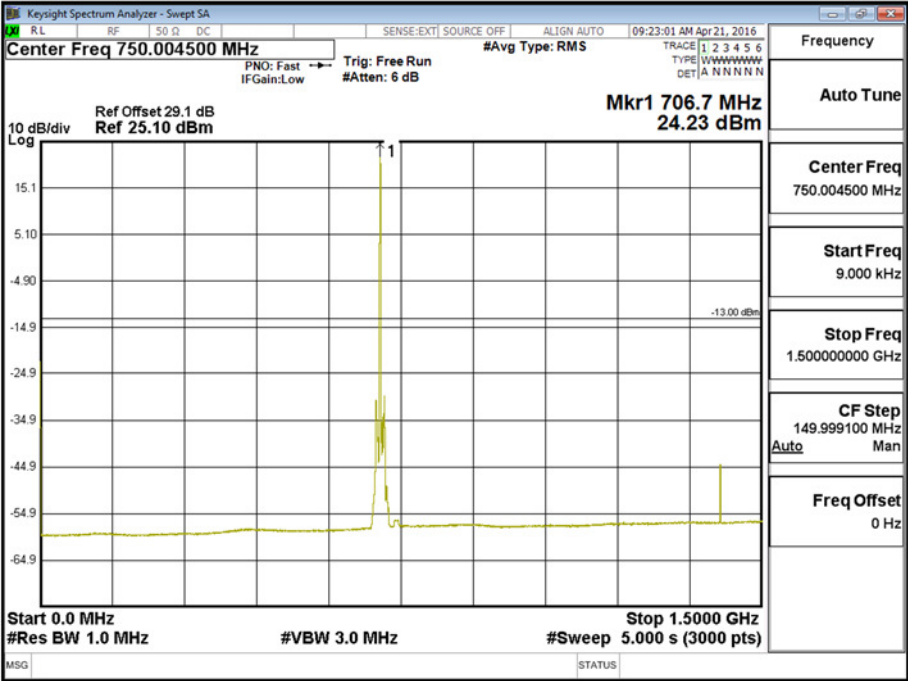




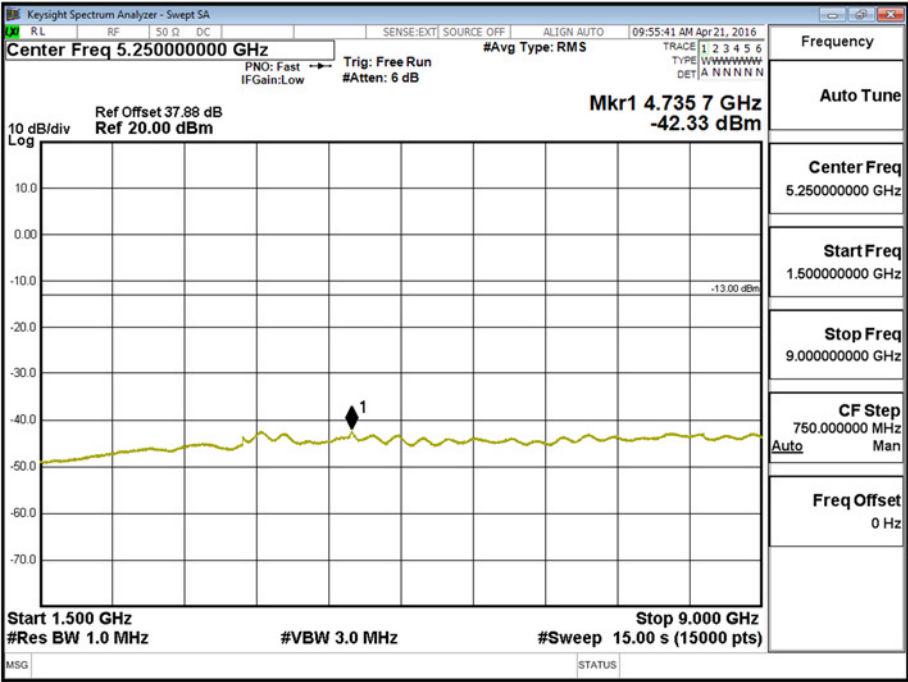
Product Service

10.0 MHz Bandwidth - QPSK

711 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



711 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz

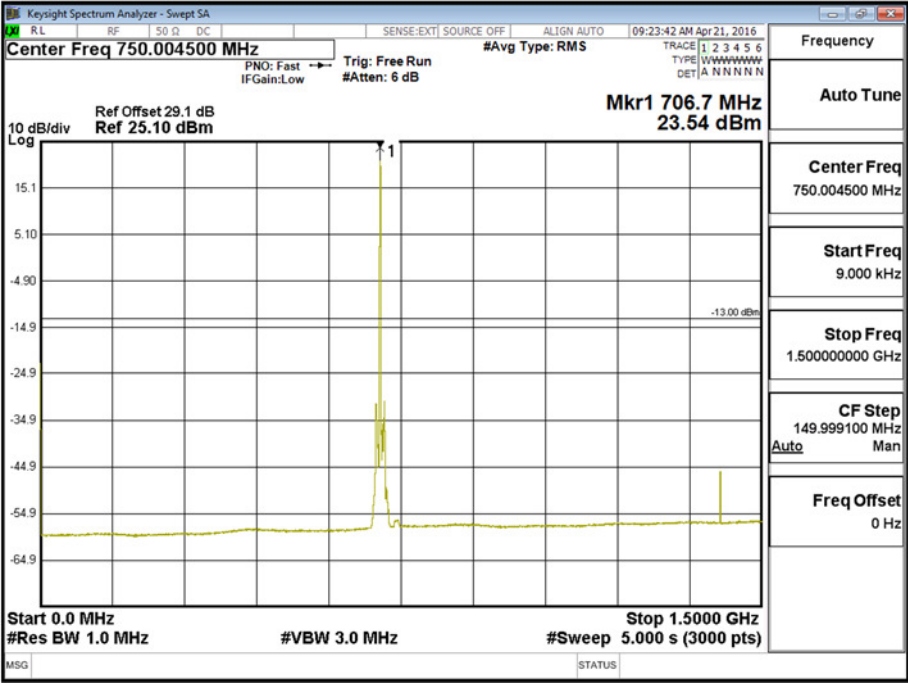




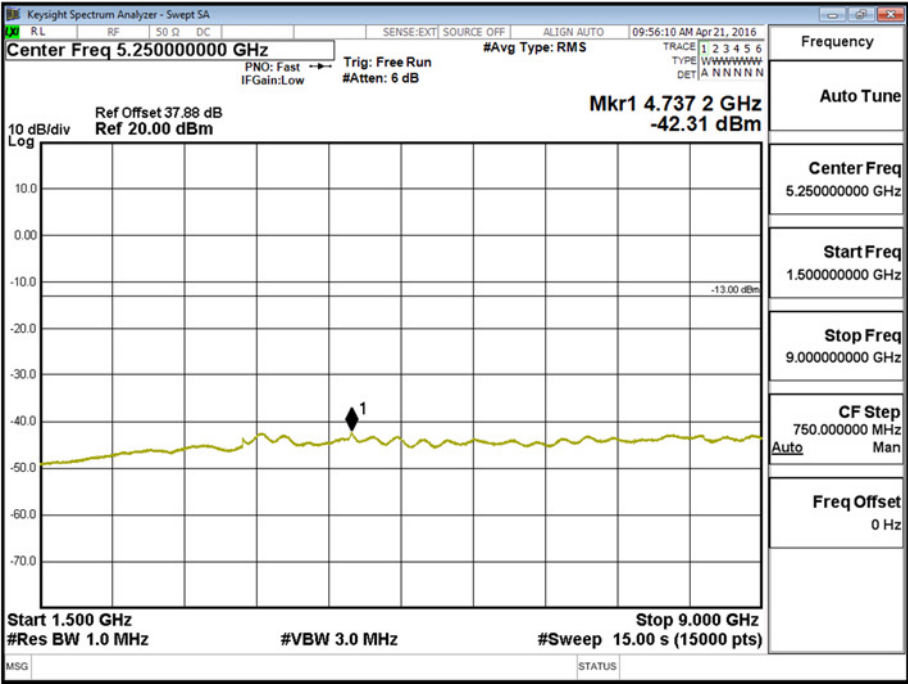
Product Service

10.0 MHz Bandwidth - QPSK

711.0 MHz - 1 Resource Block - Low – 9 kHz to 1.5 GHz



711.0 MHz - 1 Resource Block - Low – 1.5 GHz to 9.0 GHz



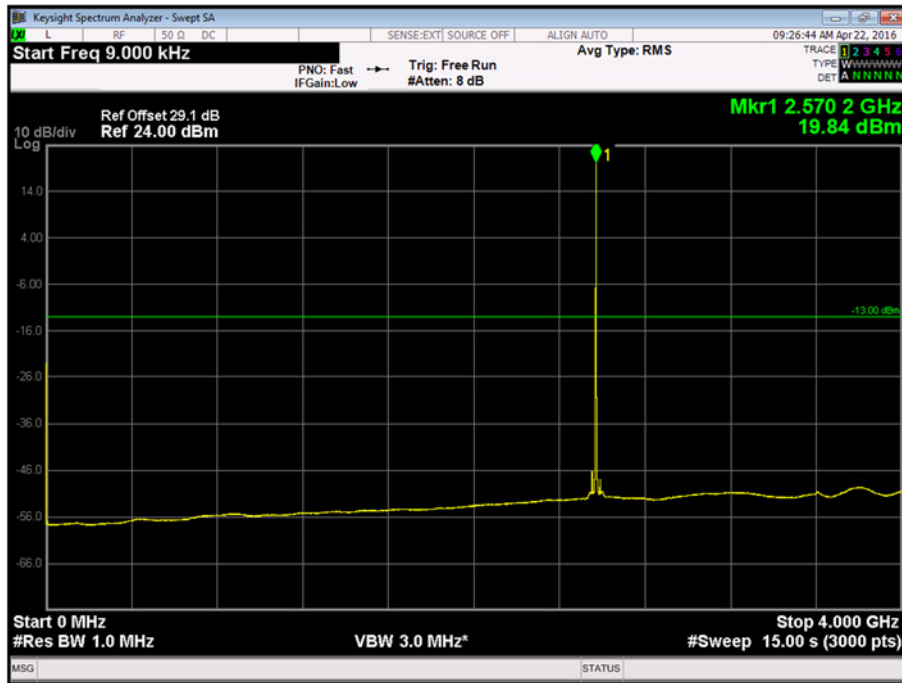
FCC 47 CFR Part 27 Limit Clause 27.53 (g)

-13 dBm



Product Service

4.0 V DC Supply

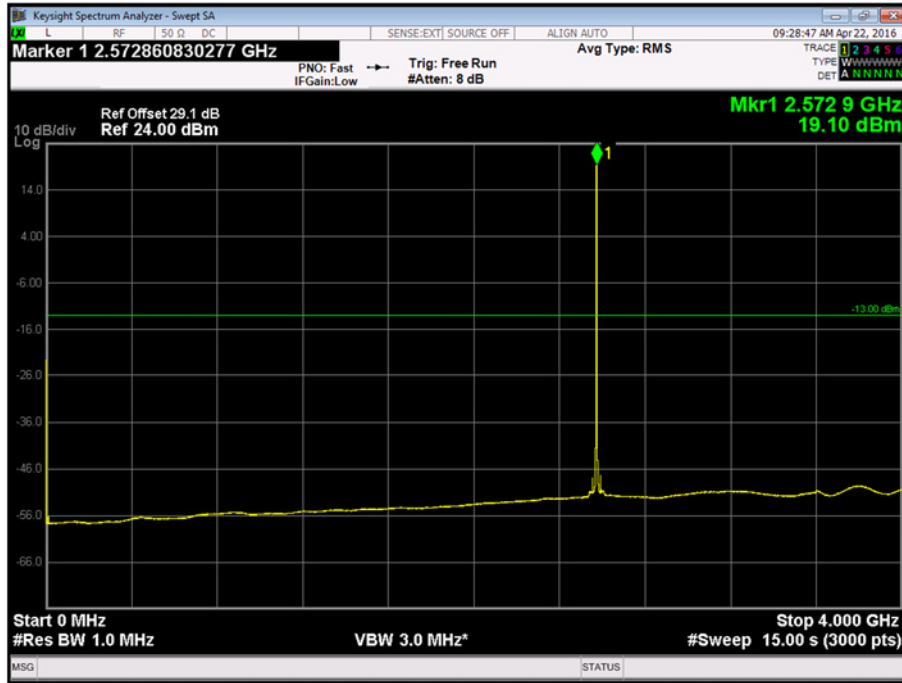
LTE TDD38, Spurious Emissions at Antenna Terminals Results5.0 MHz Bandwidth - QPSK2572.5 MHz - 1 Resource Block – Low – 9 kHz to 4.0 GHz



Product Service

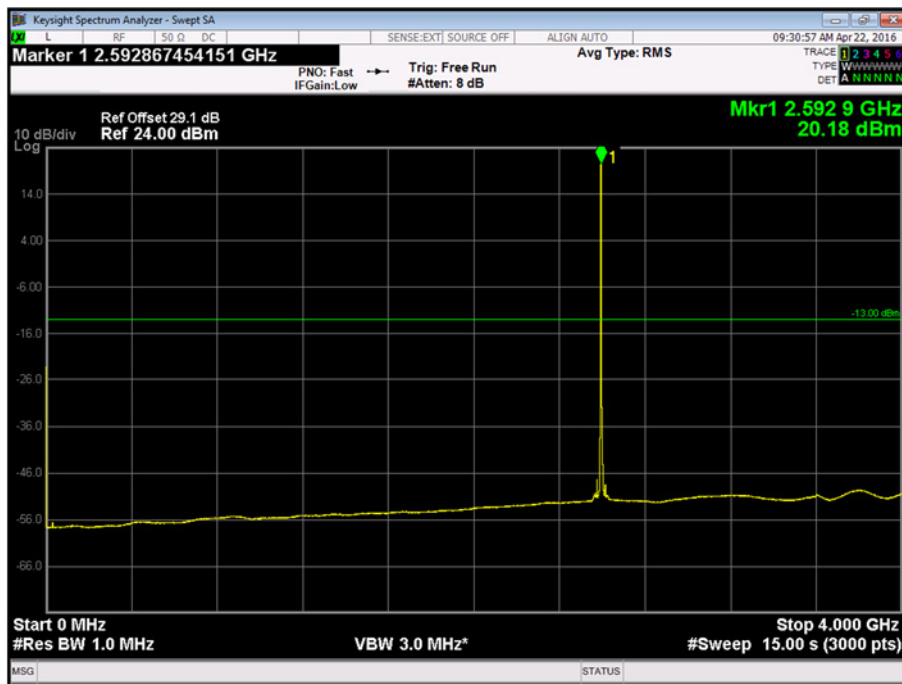
5.0 MHz Bandwidth - 16-QAM

2572.5 MHz - 1 Resource Block – Mid – 9 kHz to 4.0 GHz



5.0 MHz Bandwidth - QPSK

2595.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz

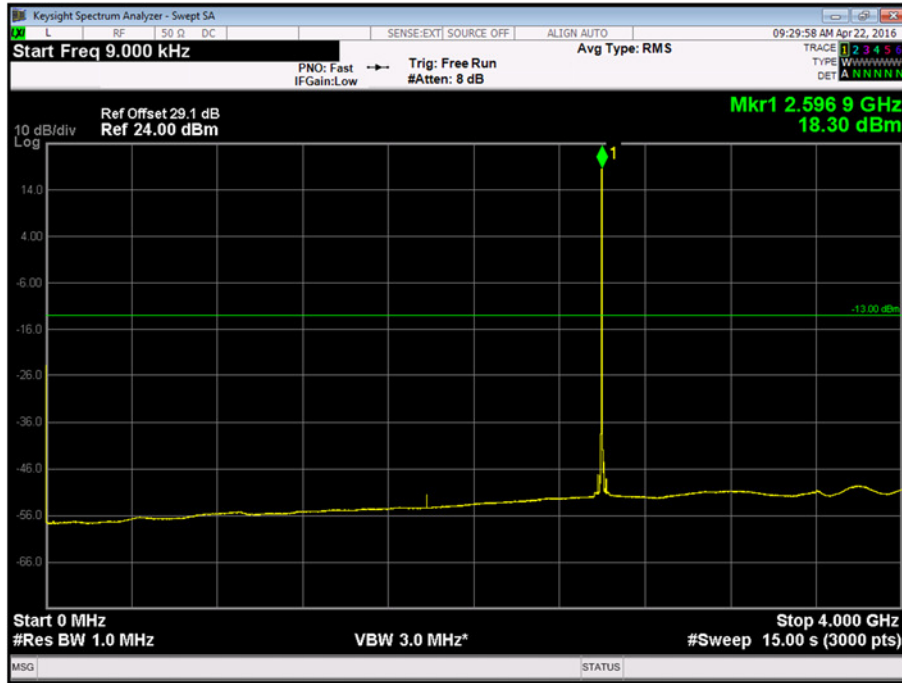




Product Service

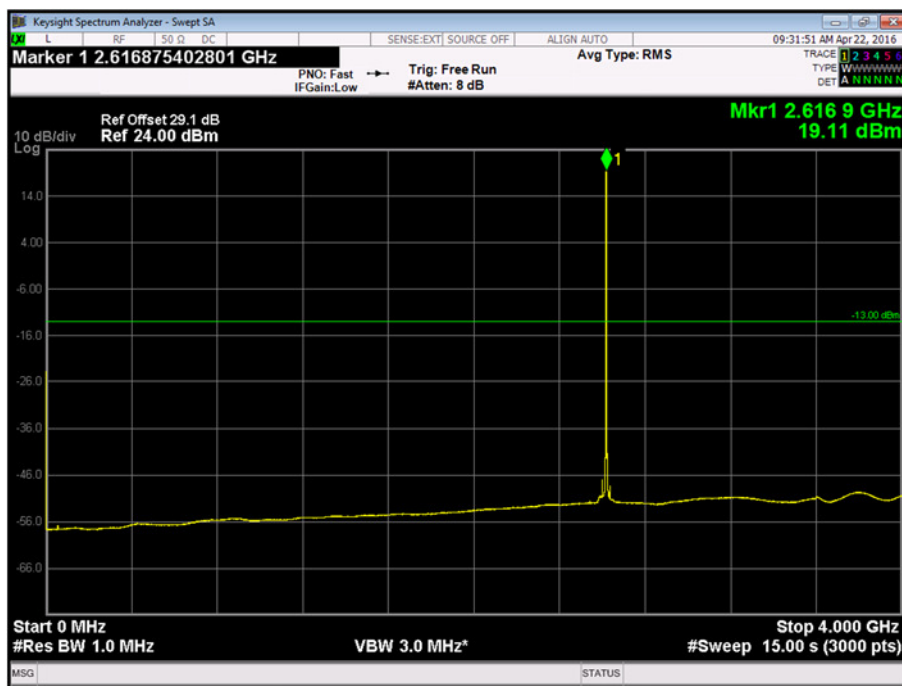
5.0 MHz Bandwidth - 16-QAM

2595.0 MHz - 1 Resource Block - High – 9 kHz to 4.0 GHz



5.0 MHz Bandwidth - QPSK

2617.5 MHz - 1 Resource Block - Mid – 9 kHz to 4.0 GHz

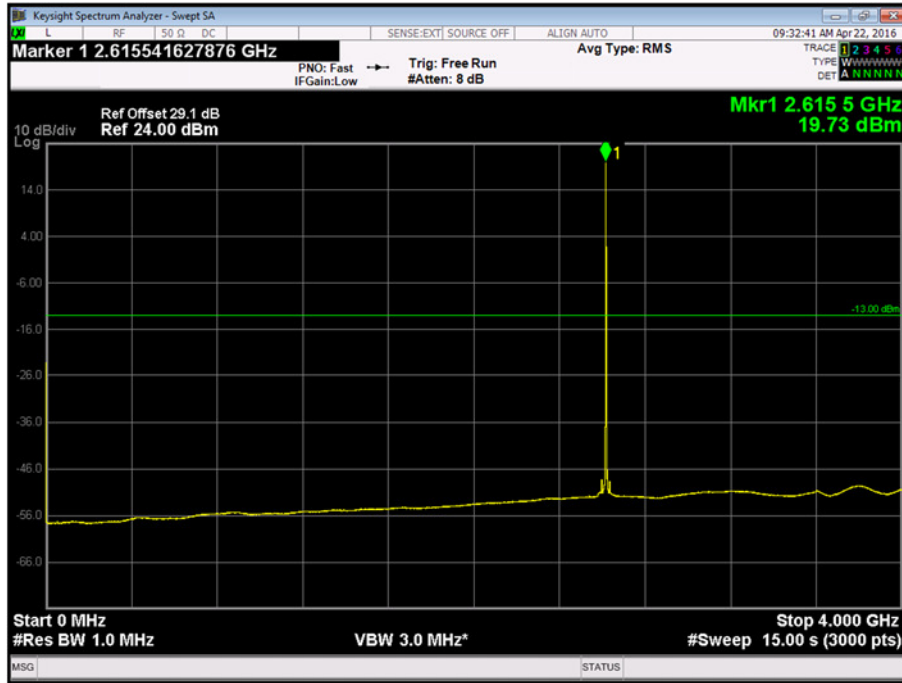




Product Service

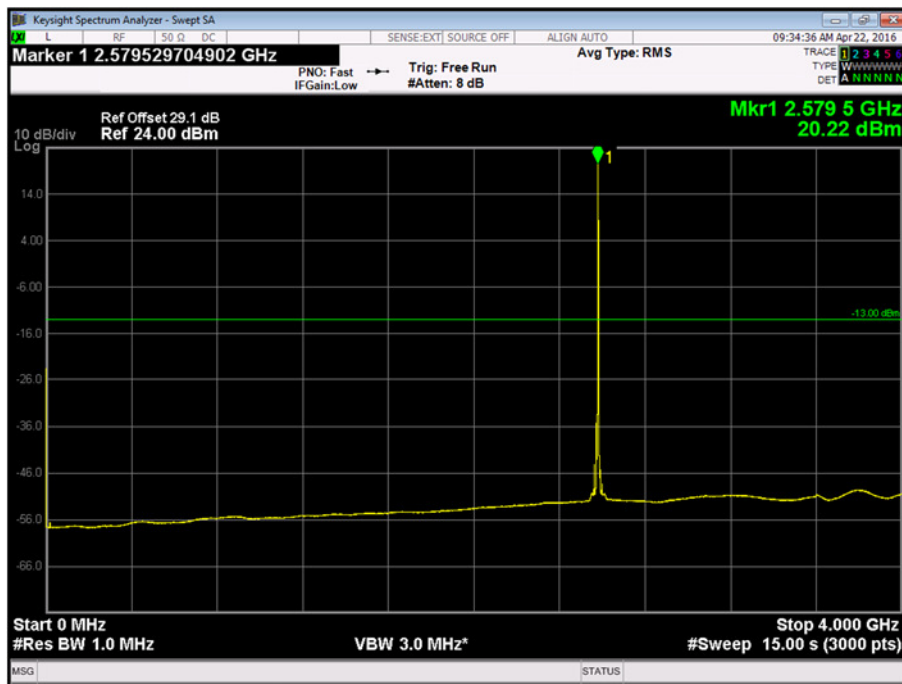
5.0 MHz Bandwidth - 16-QAM

2617.5 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz



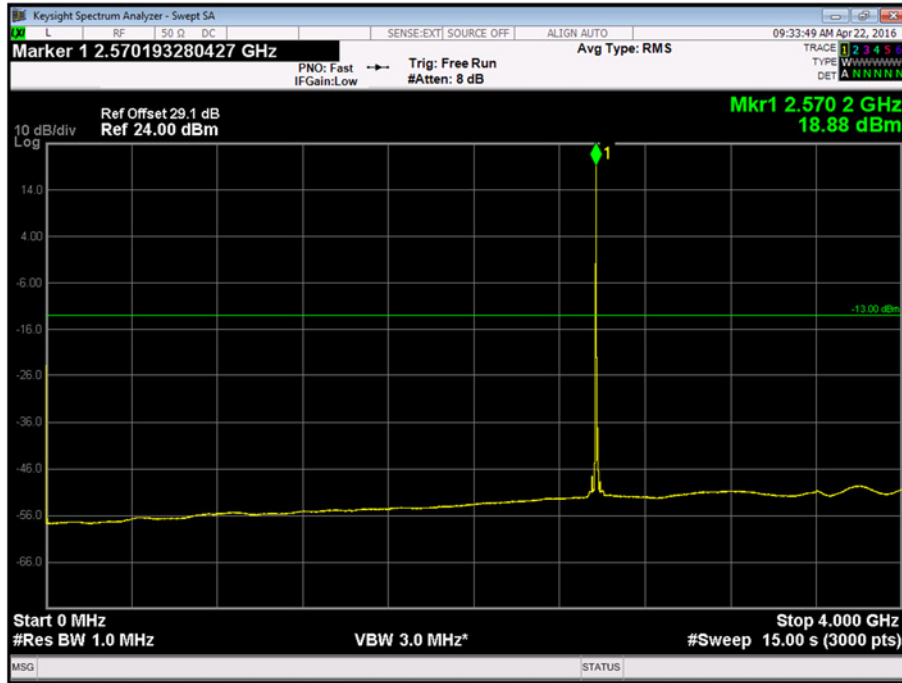
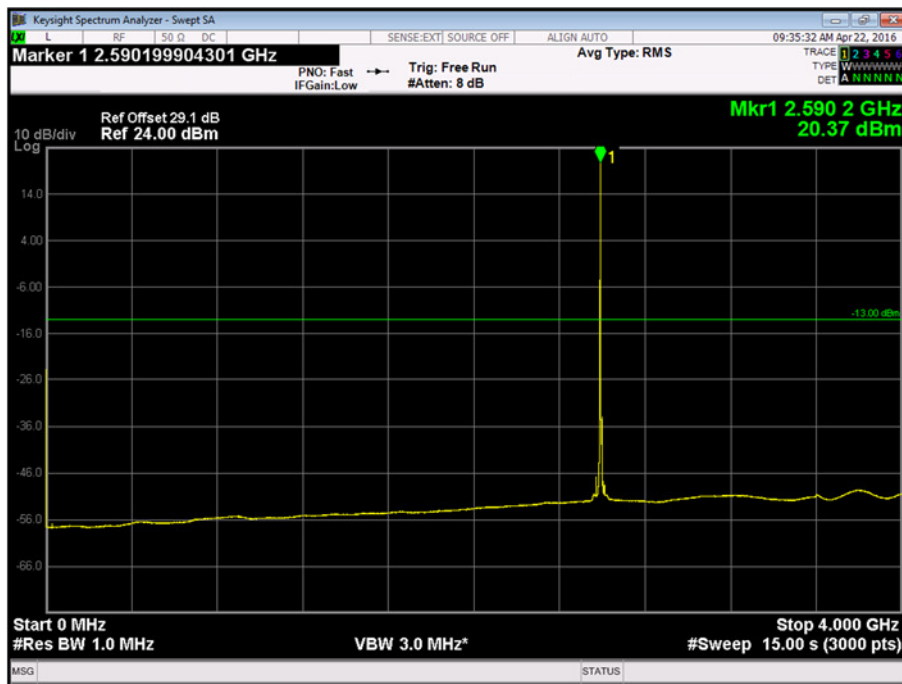
10.0 MHz Bandwidth - QPSK

2575.0 MHz - 1 Resource Block - High – 9 kHz to 4.0 GHz





Product Service

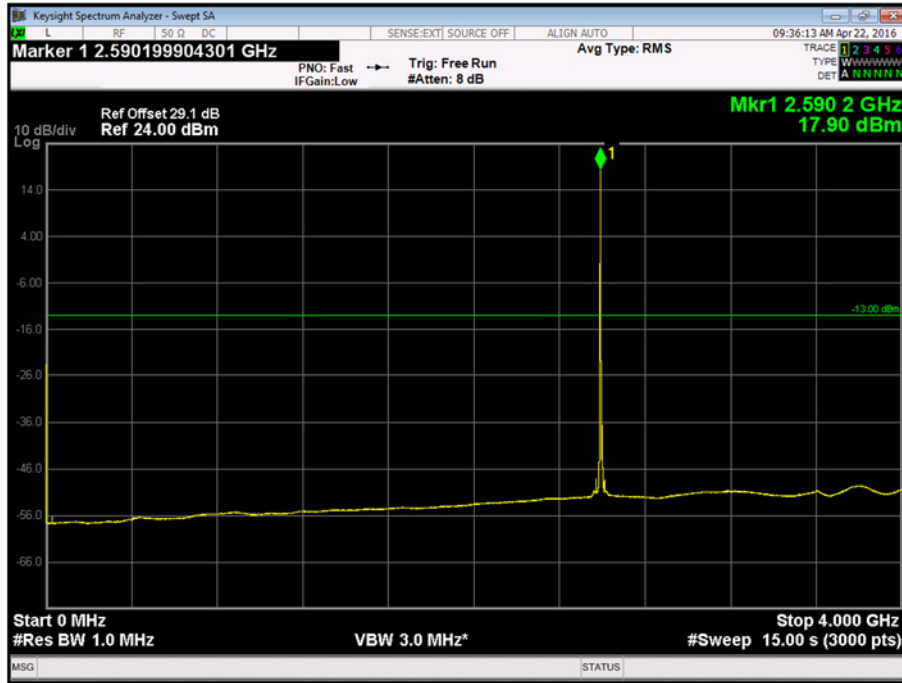
10.0 MHz Bandwidth - 16-QAM2575.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz10.0 MHz Bandwidth - QPSK2595.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz



Product Service

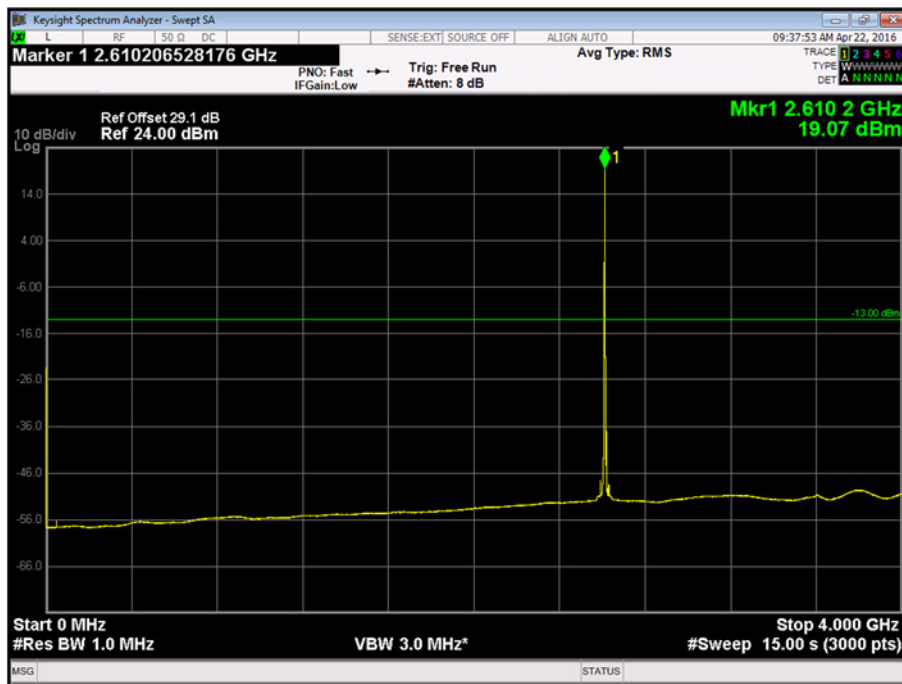
10.0 MHz Bandwidth - 16-QAM

2595.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz



10.0 MHz Bandwidth - QPSK

2615.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz

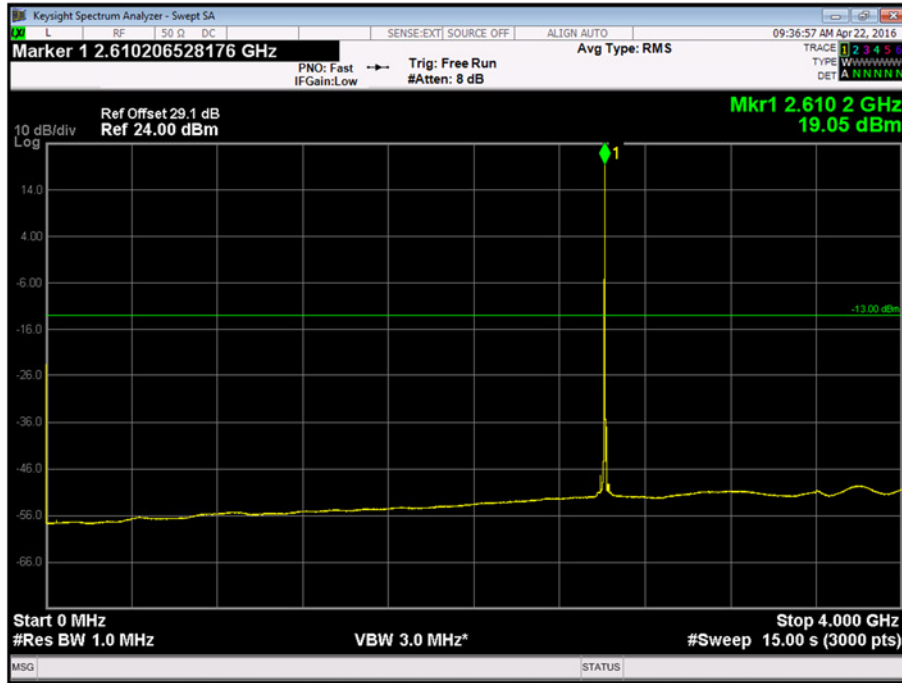




Product Service

10.0 MHz Bandwidth - QPSK

2615.0 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz



15.0 MHz Bandwidth - QPSK

2577.5 MHz - 1 Resource Block - Low – 9 kHz to 4.0 GHz

